Type of Limit

Monitoring

Monitoring

Type

Monitoring Performed?

Results

N/A

N/A

N/A

Source Test

N/A

N/A

No 8-5-207

40 CFR Part 68 (RMP) BAAQMD BAAQMD Citation of 8-10-301 8-5-328 Limit Applicable Limits and Compliance Monitoring Requirements XX Æ Effective Future Date liquid has TVP < 0.5 psia or Liquid balancing - resulting deficiencies to be corrected Equipment deficiencies organic partial pressure < **Emission Control System** recovered/combusted or Vessel depressurization 10,000 ppm as methane efficiency of ≥ 90% by contained/treated until concentration in tank ≤ with abatement with weight until VOC in a timely manner 4.6 psig Limit Table VII - A Facility Requirement Monitoring BAAQMD 68.73(e) Condition 8-5-502 Citation 40 CFR 21060 None Monitoring Frequency (P/C/N) P-E P-A Z ъ

Records

Yes

In Compliance

Systems in use

Control

Inspection

Z/A

Intermittent

Compliance

Repair

repair due date.

approved by

Deferral not

Deficiency not

repaired by

repair due date.

POC

Table VII-B
Applicable Limits and Compliance Monitoring Requirements S-4, HCl Rail Tank Car Loading, Central Loading Rack TC-1
Abated by A-199, Manufacturing Services Scrubber B-12 or S-336, Manufacturing Services Thermal Oxidizer

Future		Monitoring	Monitoring	Monitoring	Monitoring	Monitoring
FE Effective	,	Requireme	Frequency	Type	Performed?	Results
Y/ Date	Limit	nt Citation	(P/C/N)			
Z		ŕ				
	-		~ .		-	
Υ	Ringelmann No. 1	For A-199,	For A-199:	Caustic	Yes	In Compliance
	for < 3 min/hr	Condition	P-D	concentration		
		17985, Parts				
		6&7				
		For S-336,	For S-336:	Temperature	Yes	In Compliance
		Condition	С	monitor		
		6859, Part 6,				
Y	0.15 grain/dscf	For A-199,	For A-199:	Caustic	Yes	In Compliance
		Condition	P-D	concentration		
		17985, Parts				-
		6&7				
		For S-336,	For S-336:	Temperature	Yes	In Compliance
<u> </u>		Condition	С	monitor		
		6859, Part 6,				
Y	4.10 P ^{0.67} lb/hr	For A-199,	For A-199:	Caustic	Yes	In Compliance
	particulate, where P is	Condition	P-D	concentration		
	process weight rate in	17985, Parts				
	ton/hr	6&7				
		For S-336,	For S-336:	Temperature	Ϋ́&	In Compliance
		Condition	С	monitor		
		6859, Part 6,				
			6859, Part 6,			

Table VII - B
Applicable Limits and Compliance Monitoring Requirements
S-4, HCl Rail Tank Car Loading, Central Loading Rack TC-1
Abated by A-199, Manufacturing Services Scrubber B-12 or
S-336, Manufacturing Services Thermal Oxidizer

179	17985, Part
Ω	Caustic concentration ≥ Condition
1	
	* *
nt	nt Citation
æ	Requireme Frequency
=	Monitoring Monitoring Monitoring

Table VII - C
Applicable Limits and Compliance Monitoring Requirements
S-5, 720 Terminalized Products
Storage I coding about by A-150 Vapor Ralance System

Exempt Material Loading - Unabated	All other Non-Exempt Material Loading Abated by S-336 or S-389, Thermal Oxidizers	Styrene Loading abated by A-150, Vapor Balance System	S-5, 720 Terminalized Products
------------------------------------	---	---	--------------------------------

					_	_	-										Г			.
	Voc		VOC							VOC				VOC	liquids	Exempt		Limit	Type of	
Condition 11276, Part 2	BAAQMD 8- 6-305, 8-6-306		BAAQMD 8- 6-304						6-302.2	BAAQMD 8-			6-302.1	BAAQMD 8-	6-110	BAAQMD 8-		Limit	Citation of	
	4		4							γ				λ		Υ	Z	//	FE	
																		Date	Effective	Future
	Vapor tight, leak free, good working order	control system, emissions < 0.17 lbs/1000 gallons loaded	Loading into storage tank (2,008 to 39,630 gallons): Vapor balance or vapor loss	gallons loaded	emissions < 0.35 lbs/1000	vapor loss control system,	pipe, bottom filling, or	container: Submerged fill	vehicle or transportable	Loading into delivery	gallons loaded	emissions < 0.35 lbs/1000	vehicle: Vapor balanced,	Loading into delivery	psia	True vapor pressure < 0.5		Limit		
9	Condition #11276, Parts	2039, Part 13	Condition 6859, Part 6; Condition				2039, Part 13	Condition	6859, Part 6;	Condition	2039, Part 13	Condition	6859, Part 6;	Condition	8-6-501.1	BAAQMD		Citation	Requirement	Monitoring
	P-н		n							a				C		P-E	-	(P/C/N)	Frequency	Monitoring
	Inspection		Temperature monitor						monitor	Temperature			monitor	Temperature		Records		de j. e		Monitoring Type
	\$ *		×							Yes				Yes		Yes			Performed?	Monitoring
	In Compliance		In Compliance							In Compliance				In Compliance		In Compliance			Results	Monitoring

All Non-Exempt Material Loading Abated by S-336 or S-389, Thermal Oxidizers Dowanol PM Loading Abated by A-153, Vapor Balance System Applicable Limits and Compliance Monitoring Requirements All other Exempt Materials: Loading Unabated S-6, 725 Terminalized Products Table VII - D

Sol.1 lition C Temperature Yes In Compliance Part 6; monitor dition Part 13 C Temperature Yes In Compliance Part 6; monitor dition Part 13 C Temperature Yes In Compliance In Compliance Part 6; monitor dition Part 13 C Temperature Yes In Compliance In Compliance Part 6; monitor dition Part 13 Lition Part 13 Solution Part 13 Lition Part 13 Yes In Compliance In Complia	P-E	Condition #11276, Parts 5 & 6				Condition	
C Temperature Yes C Temperature Yes monitor C Temperature Yes monitor Yes Inspection Yes	P-E	Condition #11276, Part				8-6-306,	
C Temperature Yes C Temperature Yes monitor C Temperature Yes monitor Yes Temperature Yes Market P-E Inspection Yes	P-E C	Condition	working order			8-6-305,	
C Temperature Yes monitor C Temperature Yes monitor C Temperature Yes monitor C Temperature Yes monitor	С		Vapor tight, leak free, good		۲	BAAQMD	VOC
C Temperature Yes monitor C Temperature Yes monitor C Temperature Yes monitor C Temperature Yes monitor	С		loaded				
C Temperature Yes monitor C Temperature Yes monitor C Temperature Yes monitor C Temperature Yes monitor	C		0.17 lbs/1000 gallons				
C Temperature Yes monitor C Temperature Yes monitor C Temperature Yes monitor C Temperature Yes monitor		2039, Part 13	control system, emissions <				
C Temperature Yes monitor C Temperature Yes monitor C Temperature Yes monitor C Temperature Yes		Condition	Vapor balance or vapor loss				-
C Temperature Yes monitor C Temperature Yes monitor C Temperature Yes		6859, Part 6;	(2,008 to 39,630 gallons):		-	8-6-304	
C Temperature Yes monitor C Temperature Yes monitor		Condition	Loading into storage tank		~	BAAQMD	30 A
C Temperature Yes monitor C Temperature Yes monitor			gallons loaded				
C Temperature Yes monitor C Temperature Yes monitor			emissions < 0.35 lbs/1000			•	
C Temperature Yes monitor C Temperature Yes monitor			vapor loss control system,			-	
C Temperature Yes monitor C Temperature Yes monitor		2039, Part 13	pipe, bottom filling, or				
C Temperature Yes monitor C Temperature Yes monitor		Condition	container: Submerged fill				
C Temperature Yes monitor C Temperature Yes		6859, Part 6;	vehicle or transportable			8-6-302.2	
C Temperature Yes monitor		Condition	Loading into delivery		×	BAAQMD	VOC
C Temperature Yes monitor		2039, Part 13	gallons loaded		_		
C Temperature Yes		Condition	emissions < 0.35 lbs/1000	_		-	
C Temperature Yes		6859, Part 6;	vehicle: Vapor balanced,			8-6-302.1	
501.1		Condition	Loading into delivery		~	BAAQMD	VOC
		8-6-501.1	psia			8-6-110	liquids
QMD P-E Records Yes In Compliance		BAAQMD	True vapor pressure < 0.5		Υ	BAAQMD	Exempt
ation (P/C/N)	(P/C/N)	Citation	Limit	Date	ΥN	Limit	Limit
rement Frequency Type Performed? Results	Frequency Type	Requirement	-	Effective	FE	Citation of	Type of
Monitoring Monitoring Monitoring M	Monitoring Monitoring	Monitoring		Future	-		

Facility Name: Dow Chemical Company
Permit for Facility #: A0031

Table VII - E
Applicable Limits and Compliance Monitoring Requirements
S-7, 725 Block Truck Loading
S-482, Carbon Tetrachloride Rail Car Loading
Each Abated by S-336 or S-389, Thermal Oxidizers

			Future		Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring
Type of	Citation of	FE	Effective		Requirement	Frequency	,	Performed?	Results
Limit	Limit	Υ/N	Date	Limit	Citation	(P/C/N)			
Exempt	BAAQMD	λ		True vapor pressure < 0.5	BAAQMD	P-E	Records	Yes	In Compliance
liquids	8-6-110			psia	8-6-501.1				
VOC	BAAQMD	λ		Loading into delivery	Condition	С	Temperature	Yes	In Compliance
	8-6-302.1			vehicle: Vapor balance or	6859, Part 6;		monitor		
				vapor loss control system	Condition				
				with emissions < 0.35	2039, Part 13				
				lbs/1000 gallons loaded					
VOC	BAAQMD	λ		Loading into delivery	Condition	С	Temperature	Yes	In Compliance
	8-6-302.2			vehicle or transportable	6859, Part 6;		monitor		
				container: Submerged fill	Condition				
				pipe, bottom filling, or	2039, Part 13				
				vapor loss control system					
				with emissions < 0.35					
				lbs/1000 gallons loaded					
VOC	BAAQMD	¥		Loading into storage tank	Condition	С	Temperature	Yes	In Compliance
	8-6-304			(2,008 to 39,630 gallons):	6859, Part 6;		monitor		
				Vapor balance or vapor loss	Condition				
				control system with	2039, Part 13				
	-			emissions < 0.17				_	
				pounds/1000 gallons loaded					
VOC	BAAQMD	Υ		Vapor tight, leak free, good	Condition	P-E	Inspection	Yes	In Compliance
	8-6-305,			working order	#11276, Parts				
	8-6-306,		•		5 & 6				
	Condition								
	11276, Part						-		
	2								

BAAQMD Citation of BAAQMD 8-5-328.1 8-5-306 Limit ΥX 臣 ~ ~ Effective Future Date Abated by A-151, Vapor Balance System for Styrene Unloading Applicable Limits and Compliance Monitoring Requirements has a TVP less than 0.5 psia the resulting organic liquid liquid balancing in which Tank cleaning control by Control device standards; includes 95% efficiency requirement S-25, Material Flow Latex Tank, T-734 Limit Table VII - F Requirement Monitoring BAAQMD 8-5-501 Citation None Monitoring Frequency (P/C/N) P/E Z Monitoring Records Type N/A

Type of
Limit
VOC

VOC

Unit is no longer

Unit is no longer

used in

organic/styrene

organic/styrene

service

used in

service

Unit is no longer

Unit is no longer

N/A

used in

N/A

used in

Monitoring Performed?

Monitoring Results

organic/styrene

organic/styrene

service

N/A

service

N/A

12/12/2012

Table VII – G

Applicable Limits and Compliance Monitoring Requirements S-27, T-605A Terminalized Products
S-30, Material Flow Tank T-608B

Each Abated by S-336 or S-389, Thermal Oxidizers

	VOC		VOC		VOC	Type of Limit
	BAAQMD 8-5-328.1.2		8-5-328.1.1		8-5-306	Citation of Limit
	Y		Υ		Υ	Y/N BE
						Future Effective Date
	Concentration of < 10,000 ppm as methane after cleaning		Tank cleaning control by liquid balancing in which the resulting organic liquid has a TVP less than 0.5 psia		Control device standards; includes 95% efficiency requirement	Limit
	BAAQMD 8-5-503		BAAQMD 8-5-501		BAAQMD Conditions 2039, part 13, and 6859, part 6	Monitoring Requirement Citation
S-30: P/E	S-27: P/E	S-30: P/E	S-27: P/E	S-30: C	S-27: C	Monitoring Frequency (P/C/N)
Portable hydrocarbon detector	Portable hydrocarbon detector	Records	Records	Temperature monitoring	Temperature monitoring	Monitoring Type
Yes	N/A Unit out of service during this compliance period	Yes	N/A Unit out of service during this compliance period	Yes	N/A Unit out of service during this compliance period	Monitoring Performed?
In Compliance	N/A Unit out of service during this compliance period	In Compliance	N/A Unit out of service during this compliance period	In Compliance	N/A Unit out of service during this compliance period	Monitoring Results

Table VII – G
Applicable Limits and Compliance Monitoring Requirements S-27, T-605A Terminalized Products
S-30, Material Flow Tank T-608B
Each Abated by S-336 or S-389, Thermal Oxidizers

				_
	VOC		VOC	Type of Limit
	NSPS Subpart Kb 60.112b (a)(3)(ii)	(a)(3)(i)	NSPS Subpart Kb 60.112b	Citation of Limit
	~		Y	Y/N Y/N
				Future Effective Date
	When not operated as a pressure tank - Control device standards; includes 95% efficiency requirement	tightness standards, VOC concentrations shall not exceed 500 ppmv above background.	When operated with emission control system - Closed vent system leak	Limit
	BAAQMD Conditions 2039, part 13, and 6859, part 6		BAAQMD 8-18-401	Monitoring Requirement Citation
S-30: C	S-27: C	S-30: P/Q	S-27: P/Q	Monitoring Frequency (P/C/N)
Temperature monitoring	Temperature monitoring	Inspection using Method 21	Inspection using Method 21	Monitoring Type
Yes	N/A Unit out of service during this compliance period	iod	N/A Unit out of service during this	Monitoring Performed?
In Compliance	N/A Unit out of service during this compliance period N/A Unit out of service during this compliance period	cor	N/A Unit out of service during this	Monitoring Results

Table VII – H

Applicable Limits and Compliance Monitoring Requirements

S-28, T-605B Material Flow

S-36, N-Serve Plant Storage

S-45, T-1 N-Serve

S-56, T-31 N-Serve

S-57, T-32 N-Serve

S-61, T-780 N-Serve

S-62, T-781 N-Serve

S-63, T-782 N-Serve

S-222, Latex Plant - Hydroxyethyl Acrylate Storage, T-3

S-372, T-20 Block 560 Storage Tank, Abated by S-400, Experimental Thermal Oxidizer R-901 S-345, T-1 Vikane Plant - Storage Tank S-346, T-241

S-383, Petroleum Hydrocarbon Distillate Tank S-407, T-728 N-Serve Formulation Tank S-382, N-Serve Unit Storage T-783

S-447, T-774

S-467, Plant 663 T-408B Intermediate Product Storage S-466, Plant 663 T-408A Intermediate Product Storage

S-498, Sym Tet T-102 Storage Tank

Type of VOC 21059, Part Condition # BAAQMD Citation of Limit ≺ X ∄ Effective Future Date Vapor pressure ≤ 0.5 psia Condition # 21059, Part 2 Requirement Monitoring BAAQMD Frequency (P/C/N) Monitoring P/E Monitoring Type Records Performed? Monitoring Yes In Compliance Monitoring Results

Table VII – I

Applicable Limits and Compliance Monitoring Requirements
S-29, T-608 Terminalized Products,
S-31, T-609 Terminalized Products,
S-33, T-727 Terminalized Products,
S-35, T-773 Terminalized Products,
S-151, T-614 Terminalized Products,
S-153, T-604 Terminalized Products
Each Abated by S-336 or S-389, Thermal Oxidizers

	VOC	VOC	VOC	VOC	Type of Limit
	BAAQMD 8-5-328.1.2	BAAQMD 8-5-328.1.1	BAAQMD 8-5-307	BAAQMD 8-5-306	Citation of Limit
	¥	۲	γ	Y	Y/N FE
					Future Effective Date
cleaning	Concentration of < 10,000 ppm as methane after	Tank cleaning control by liquid balancing in which the resulting organic liquid has a TVP less than 0.5 psia	Sealing mechanism on PRD on blanketed tanks to be maintained in a gas tight condition except when operating pressure exceeds the valve set pressure	Control device standards; includes 95% efficiency requirement	Limit
	BAAQMD 8-5-503	BAAQMD 8-5-501	BAAQMD 8-5-307.3	BAAQMD Conditions 2039, part 13, and 6859, part 6	Monitoring Requirement Citation
	P/E	P/E	P/Q	С	Monitoring Frequency (P/C/N)
detector	Portable hydrocarbon	Records	Inspection using Method 21	Temperature Monitoring	Monitoring Type
	Yes	Yes	Yes	% %	Monitoring Performed?
	In Compliance	In Compliance	In Compliance	In Compliance	Monitoring Results

Applicable Limits and Compliance Monitoring Requirements Table VII – I

S-151, T-614 Terminalized Products, S-153, T-604 Terminalized Products S-29, T-608 Terminalized Products, S-31, T-609 Terminalized Products, S-33, T-727 Terminalized Products, S-35, T-773 Terminalized Products,

Each Abated by S-336 or S-389, Thermal Oxidizers

In Compliance	Yes	Inspection using Method 21	P/Q	8-18-401	No detectible organic emissions		۲	BAAQMD Condition# 11276, part 2	VOC
Compliance One semi-annual monitoring with reading of 4,000 ppmv	83	Portable hydrocarbon detector	r/sem-A	8-5-403.1	Pressure vacuum vaives to be gas tight		×	8-5-403.1	VOC
Monitoring Results	Monitoring Performed?	Monitoring Type	~ 30	= 50	Limit	Future Effective Date	N/A 34	Citation of Limit	Type of Limit

Page 13 of 124

Table VII - J

Applicable Limits and Compliance Monitoring Requirements
S-40, Water Treatment HCl Storage T-24

Abated by A-175, Utilities T-24 Scrubber

			Future		Monitoring	Monitoring	Monitoring	Monitoring	Monitoring
Type of	Citation of	R.E	Effective		Requirement	Frequency	Type	Performed?	Results
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)			
Opacity	BAAQMD	Υ		Ringelmann No. 1	None	z	N/A	N/A	N/A
	6-301			for < 3 min/hr					
FP	BAAQMD	Υ		0.15 grain/dscf	None	z	N/A	N/A	N/A
	6-310								
FP	BAAQMD	Υ		4.10 P 0.67 lb/hr particulate,	None	z	N/A	N/A	N/A
	6-311			where P is process weight					
				rate in ton/hr					

Table VII - K
Applicable Limits and Compliance Monitoring Requirements
S-44, N-Serve Plant
Abated by S-389, Sym-Tet Thermal Oxidizer R-501 or
Abated by A-88, B-106 Sym-Tet Scrubber or
Abated by A-89, X-3 Emergency Venturi at N-Serve/Sym-Tet

				None					
				For A-88/ A-89:					
N/A	N/A	N/A	A-88/89: N	Part 13	ppm total carbon, dry				
		monitor	-	Condition 2039,	pounds/day and ≤ 300			8-2-301	
In Compliance	Yes	Temperature	S-389: C	For S-389:	Emissions ≤ 15	÷	4	BAAQMD	POC
					ton/hr				
					process weight rate in				
			Above		particulate, where P is			6-311	
In Compliance	Yes	Same as Above	Same as	Same as Above	4.10 P ^{0.67} lb/hr		4	BAAQMD	FP
			Above					6-310	
In Compliance	Υœ	Same as Above	Same as	Same as Above	0.15 grain/dscf		~	BAAQMD	FP
				17985, Parts 7					
				Condition					
		concentration		87/A-85/A-199:					
In Compliance	Yes	Caustic	A-199: P-D	For S-434 or A-					•
				89: None					
				For A-88/ A-					
N/A	N/A	N/A	A-88/89: N	Part 13					
		monitor		Condition 2039,	for < 3 min/hr			6-301	
In Compliance	Yes	Temperature	S-389: C	For S-389:	Ringelmann No. 1		γ	ВААОМД	Opacity
							z		
	-	-	(P/C/N)	Citation	Limit	Date	Υ/	Limit	
Results	Performed?	Type	Frequency	Requirement	-	Effective	Æ	Citation of	Type of Limit
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			
				2			1		

Table VII - K
Applicable Limits and Compliance Monitoring Requirements
S-44, N-Serve Plant
Abated by S-389, Sym-Tet Thermal Oxidizer R-501 or
Abated by A-88, B-106 Sym-Tet Scrubber or
Abated by A-89, X-3 Emergency Venturi at N-Serve/Sym-Tet

					РОС			Type of Limit Citation of FE Effective	
				8-10-301	BAAQMD		Limit	Citation of	
					۲	Z	×	Ŧ	
			·				Date	Effective	Future
pressure < 4.6 psig	until organic partial	or contained/treated	recovered/combusted	depressurization	Vessel		Limit		
				21060, Part 1	Condition		Citation	Requirement	Monitoring Monitoring
					P-E		(P/C/N)	Frequency	Monitoring
					Records		٠	Type	Monitoring
					Yes		-	Performed?	Monitoring
					In Compliance			Results	Monitoring

Facility Name: Dow Chemical Company
Permit for Facility #: A0031

Table VII – L

Applicable Limits and Compliance Monitoring Requirements
[Pressure Tank < 75m³ with submerged fill]
S-55, T-30 N-Serve
S-408, T-723 Terminalized Products

	VOC	Type of Limit
0 0	BAAQMD 8-5-307	Citation of Limit
	¥	Y/N
		Future Effective Date
background	< 100 ppm (expressed as methane) above	Limit
	BAAQMD 8-18-401	<u> </u>
	P/Q	Monitori Frequen (P/C/N
		Туре
	Yes	Monitoring Performed?
	In Compliance	Monitoring Results

Applicable Limits and Compliance Monitoring Requirements Table VII - M

S-135, HCl Storage Tank T-606A

S-136, HCl Storage Tank T606B

S-137, HCl Storage Tank T606C S-138, HCl Storage Tank T606D

S-139, HCl Storage Tank T-606E

S-140, HCl Storage Tank T-606F

Abated by A-18, Hydrochloric Acid Storage Tanks Scrubber

			Future		Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring
Type of	Citation of	HE	Effective		Requirement	Frequency	den.	Performed?	Results
Limit	Limit	ΝΆ	Date	Limit	Citation	(P/C/N)	_		
Opacity	BAAQMD	Υ	,	Ringelmann No. 1	None	z	N/A	N/A	N/A
	6-301			for < 3 min/hr					
FP	BAAQMD	Υ	,	0.15 grain/dscf	None	Z	N/A	N/A	N/A
	6-310								
FP	BAAQMD	۲		4.10 P 0.67 lb/hr particulate,	None	Z	N/A	N/A	N/A
	6-311			where P is process weight					
				rate in ton/hr					
HCI	Subpart	γ		Monitoring equipment	None	P- semi-	N/A	Yes	In Compliance
	NNNNN			calibrated according to site-		annual			
	63.9005(d);			specific monitoring plan					
	63.9040(c)								

Table VII - N
Applicable Limits and Compliance Monitoring Requirements
S-174, Gasoline Dispensing Facility

N/A	N/A	N/A	z	BAAQMD 8-7-302.14	Balance Phase II Vapor Recovery: dynamic backpressure meets CARB Executive Order, or if not specified ≤ 0.15, 0.45, 0.95 inches water when measured at N2 flows of 20, 60, 100 cfh	6/1/2003	Υ	BAAQMD Regulation 8-7-302.14	VOC
N/A	N/A	N/A	z	None	Spitting from nozzles \le 1.0 mL/nozzle/test or the quantity specified by CARB Procedure CP-201, whichever is less		Υ	BAAQMD Regulation 8-7-302.13	VOC
N/A	N/A	N/A	Z	None	Spitting from nozzles ≤ 100 mL/1000 gallons dispensed or the quantity specified by CARB Procedure CP-201, whichever is less		Υ	BAAQMD Regulation 8-7-302.12	VOC
N/A	N/A	N/A	z	None	Liquid removal devices required by CARB: liquid removal rate ≥ 5 mL/gallon dispensed for dispensing rates > 5 gallons/minute or as otherwise specified		Y	BAAQMD Regulation 8-7-302.8	VOC
N/A	N/A	N/A	z	None	Phase II system shall be maintained leak free, vapor tight		Y	BAAQMD Regulation 8-7-302.5	VOC
N/A	N/A	N/A	Z	None	98% or highest CARB vapor recovery rate		Υ	BAAQMD Regulation 8-7-301.10	VOC
In Compliance	Yes Test date – 04/20/12	Static Pressure Performance Test, ST-30	P/A	BAAQMD Regulation 8- 7-301.13 and 8-7-503.2	All Phase I Equipment (except components with allowable leak rates) shall be leak free (≤ 3 drops/minute) and vapor tight		Υ	BAAQMD Regulation 8-7-301.6	VOC
Monitoring Results	Monitoring Performed?	Monitoring Type	Monitoring Frequency (P/C/N)	Monitoring Requirement Citation	Limit	Future Effective Date	FE Y/N	Citation of Limit	Type of Limit

 $\label{eq:total complex} Table~VII-N\\ Applicable~Limits~and~Compliance~Monitoring~Requirements\\ S-174,~Gasoline~Dispensing~Facility$

		······································	Future		Monitoring	Monitoring Monitoring	Type	Monitoring	Monitoring
Type of	Citation of	æ	Effective		Requirement Frequency	Frequency		Performed?	Results
Limit	Limit	ž	Date	Limit	Citation	(P/C/N)			
V0C	Condition	z		20,000 gallons/12 months	BAAQMD	P-M	Records	Yes	In Compliance
	24289				8-7-503.1				
V0C	Condition	Υ		Drop tube/drain valve leak	BAAQMD	P- once	Drop tube/drain	Yes	In Compliance
	#20666,			rate not to exceed 0.17 CFH Regulation 8-	Regulation 8-	every 36	valve leak (CARB	Test date -	
	Part 1			@ 2" H ₂ O; minimum 360°	7-503.2;	months		04/20/12	
•				rotation with maximum 108	BAAQMD		201.1D) and		
				pound-inch torque	Condition		torque test (CARB		
_					#20666, Part		TP 201.1B)		
					2				

Applicable Limits and Compliance Monitoring Requirements S-176, Chloralkali Cooling Tower H-1A, Abated by A-30, Chloralkali Mist Eliminator S-177, Chloralkali Cooling Tower H-1B, Abated by A-31, Chloralkali Mist Eliminator S-178, Chloralkali Cooling Tower H-2A, Abated by A-32, Chloralkali Mist Eliminator S-179 Chloralkali Cooling Tower H-2B, Abated by A-33,

Chloralkali Mist Eliminator

	!			,	Monitoring Monitoring	Monitoring	Monitoring	Monitoring	Monitoring
Type of	Citation of FE	HE	Effective	-	Requirement	Frequency	Type	Performed?	Results
Limit	Limit	Υ/N	Date	Limit	Citation	(P/C/N)			
Opacity	BAAQMD	Υ		Ringelmann No. 1	None	z	N/A	N/A	N/A
	6-301			for < 3 min/hr					
FP	BAAQMD	۲		0.15 grain/dscf	None	z	N/A	N/A	N/A
	6-310								
FP	BAAQMD	Υ		4.10 P 0.67 lb/hr particulate,	None	z	N/A	N/A	N/A
	6-311			where P is process weight					
				rate in ton/hr					

Table VII – P
Applicable Limits and Compliance Monitoring Requirements
S-198, Latex Plant Process Recycle Tank, T-366
S-199, Latex Plant Process Tank, T-367
S-226, Latex Plant Process Tank, T-364
S-421, Latex Plant Process Recycle Tank, T-368
S-491, T-363

Each Abated by A-42, B-368 Latex Plant Styrene Scrubber, followed by S-336 or S-389, Thermal Oxidizers

compliance period	compliance period								
during this	during this			10010 Part o				10010 Pan 4	
Unit out of service	Unit out of service			Condition #	from A-42 \leq 346 lb/day			Condition #	
N/A	N/A	Records	P/E	BAAQMD	Total organic emissions		Υ	BAAQMD	VOC
compliance period	compliance period				with 8-36-301.1				
during this	during this			1001017	the facility or compliance				
Unit out of service	Unit out of service	Concentration			resin reactors, thinning			8-36-301.2	
N/A	N/A	Styrene	P/D	BAAQMD	< 10 lb/day POC from all		~	BAAQMD	VOC
compliance period	compliance period			6859 Part 6					
during this	during this			and Condition					
Unit out of service	Unit out of service	Monitoring		Condition	with 8-36-301.2			8-36-301.1	
N/A	N/A	Temperature	င	BAAQMD	95% control or compliance		۲	BAAQMD	VOC
Monitoring Results	Performed?	Monitoring Type	(P/C/N)	Citation	Limit	Date	Ϋ́N	Limit	Limit
	Monitoring		Frequency	Requirement		Effective	E	CITATION OF	Type of
			Monitoring	Monitoring		Future	·		

Table VII – Q
Applicable Limits and Compliance Monitoring Requirements
[Pressure Tank < 75m³]
S-207, T-5 Latex Plant
S-208, T-6 Latex Plant

during this compliance period	during this during this compliance period	detector			cleaning				
Unit out of service	Unit out of service	hydrocarbon		8-5-503	ppm as methane after			8-5-328.1.2	
N/A	N/A	Portable	P/E	BAAQMD	Concentration of < 10,000		Υ	BAAQMD	VOC
compliance period compliance period	compliance period				psia				
during this	during this				has a TVP less than 0.5				
Unit out of service	Unit out of service			8-5-501	liquid balancing in which			8-5-328.1.1	
N/A	N/A	Records	P/E	BAAQMD	Tank cleaning control by		Υ	BAAQMD	VOC
compliance period compliance period	compliance period								
during this	during this				background				
Unit out of service	Unit out of service	Inspection		8-18-401	methane) above			8-5-307	
N/A	N/A	Method 21	P/Q	BAAQMD	< 100 ppm (expressed as		۲	BAAQMD	VOC
Monitoring Results	Performed?	Monitoring Type	(P/C/N)	Citation	Limit	Date	ΥX	Limit	Limit
	Monitoring		Frequency	Requirement		Effective	T) (E)	Citation of	Type of
			Monitoring	Monitoring		Future			

Table VII – R
Applicable Limits and Compliance Monitoring Requirements
[Pressure Tank storing liquids with vp < 0.5 psia]
S-209, T-1 Latex Plant

<	<	Туре
VOC	VOC	Type of Limit
BAAQMD Condition #21059, Part 1	BAAQMD 8- 5-307	Citation of Limit
Υ	¥	FE Y/N
		Future Effective Date
Vapor pressure ≤ 0.5 psia	< 100 ppm (expressed as methane) above background	Limit
BAAQMD Condition #21059, Part 2	BAAQMD 8- 18-401	Monitoring Requirement Citation
P/E	P/Q	Monitoring Frequency (P/C/N)
Records	Method 21 Inspection	Monitoring Type
N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period	Monitoring Performed?
N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period	Monitoring Results

Table VII - S

Applicable Limits and Compliance Monitoring Requirements
S-229, Latex Plant Tank Car Unloading (Butadiene) RM-1

Abated by Vapor Balance System

period									
this compliance	compliance period			1 & 2					
Onit out of	Unit out of service	Inspection		21061, Parts	working order			8-6-306	
N/A	N/A	Method 21	P-E	Condition#	Vapor tight, leak free, good		~	BAAQMD	VOC
					pounds/1000 gallons loaded				
					emissions < 0.17				
period					control system with				
this compliance	compliance period			7 20 1	vapor balance or vapor loss				
service during	during this	and provident		100	(#,000 to 07,000 Building).			0	
Unit out of	Unit out of service	Inspection		21061. Parts	(2 008 to 39 630 gallons):			8-6-304	
N/A	N/A	Method 21	P-E	Condition#	Loading into storage tank		۲	BAAQMD	VOC
					pounds/1000 gallons loaded				
					with emissions < 0.35				
					vapor loss control system				
period	•				pipe, bottom filling, or				
this compliance	compliance period			1 & 2	container: Submerged fill				
Onit out of	Unit out of service	Inspection		21061, Parts	vehicle or transportable			8-6-302.2	
N/A	N/A	Method 21	P-E	Condition#	Loading into delivery		~	BAAQMD	VOC
					pounds/1000 gallons loaded		-		
period					with emissions < 0.35				
this compliance	compliance period			1 & 2	vapor loss control system				
service during	during this	Inspection		21061, Parts	vehicle: Vapor balance or			8-6-302.1	
N/A	N/A	Method 21	P-E	Condition#	Loading into delivery		~	BAAQMD	VOC
			(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
Results	Performed?		Frequency	Requirement		Effective	FE	Citation of	Type of
Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring		Future			
Mariania			•		7				

Table VII - T
Applicable Limits and Compliance Monitoring Requirements
S-286, Railcar Purging Facility at Car-Barn
Abated by A-55, Maintenance – Packed Bed Scrubber

					rate in ton/hr				
					where P is process weight			6-311	
N/A	N/A	N/A	z	None	4.10 P 0.67 lb/hr particulate,		۲	BAAQMD	FP
								6-310	
N/A	N/A	N/A	z	None	0.15 grain/dscf		Υ	BAAQMD	FP
				1, 2					
				#20826, Parts	for < 3 min/hr			6-301	•
In Compliance	Yes	Visual Check	P-E	Condition	Ringelmann No. 1		~	BAAQMD	Opacity
		-	(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
Results	Performed?	Type	Frequency	Requirement	· ·	Effective	Æ	Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring Monitoring		Future			

Table VII - U
Applicable Limits and Compliance Monitoring Requirements
S-308, Fumigants Cylinder Paint Booth C-11
Abated by A-203, Carbon Adsorber)

_					I			_				_							T	_												
				VOC			VOC			VOC			VOC					VOC								V0C			VOC	Limit	Type of	
		5	20301, Part	Condition	4	20301, Part	Condition	2	20301, Part	Condition	1	20101 Part	Condition			·	8-19-320	SIP							8-19-320.2	BAAQMD		8-19-302	BAAQMD	Limit	Citation of	
				۲			Υ			Υ			Υ					×	:							z			≺	Ϋ́Z	13. [3.	}
																														Date	Effective	Future
propane	concentration > 7 ppmv, as	when NMOC exhaust	gallons coating used or	Carbon replacement at 1450		in A-203	Minimum 8000 lbs carbon		lbs/gallon	Coating content 0.8	111011110	months	Coating 14,400 gallons/12	equipment is used.	cleanup only if collection	for spray equipment	containing materials; VOC	Closed containers for VOC	6 1100	with BAAQMD 8-16	spray gun washer compliant	dispose of offsite or use a	and recycle or properly	pounds/gallon or collect	content < 0.42	Cleanup solvent VOC	water	pounds/gallon, excluding	VOC content ≤ 2.8	Limit		-
		6, 7	20301, Parts	Condition		20301, Part 7	Condition		20301, Part 7	Condition		20301 Part 7	Condition				0-19-301.1	SIP							8-19-501.1	BAAQMD	8-19-501.2	8-19-501.1,	BAAQMD	Citation	Kequirement	Monitoring
				P-D			P-E			P-E			P-D					r-w	7.4							P-M			P-W	(P/C/N)	Frequency	Monitoring
	concentration	NMOC exhaust	measurement of	Records;			Records			Records			Records					Kecorus	7							Records			Records	4.		Monitoring Type
				Yes			Υœ			Yes			Yes					ย	V							Yes			Yes		Lettorinen:	Monitoring
skipped	monitoring	1-day of	Compliance	Intermittent			In Compliance			In Compliance			In Compliance			-		III Combinance	In Compliance							In Compliance			In Compliance		Counces	Monitoring

Table VII - V

Applicable Limits and Compliance Monitoring Requirements S-311, Fumigants Gas Cylinder Handling Area C-9
S-312, Fumigants Cylinder Valve Removal Area Dow C-8

(FUTURE Abatement System: Abated by A-201, Venturi Scrubber or A-204, Sulfuryl Fluoride Recovery System)

Yes In Compliance		С	20302, Part 5					
		C		Coolant pressure at H-180 20302, Part 5			20302, Part	Fluoride
			Condition	During venting to A-204,		z	Condition	Sulfuryl
				psia or less				
	Automated Control			depressurization line 23			Parts 1, 2	
	Procedures or		20302, Part 3	pressure in			20302,	Fluoride
Yes In Compliance	Operating	P or C	Condition	Abatement required until		z	Condition	Sulfuryl
		(P/C/N)	Citation	Limit	Date	ΥN	Limit	Limit
Performed? Results		Frequency	Requirement Frequency		Effective	HE	Citation of	Type of
Monitoring Monitoring	Monitoring Type	Monitoring Monitoring	Monitoring	n norma vil.	Future			

Table VII - W
Applicable Limits and Compliance Monitoring Requirements
S-314, Fumigants Paint Booth F-2

Tuna	Citation of	JA	Future		Monitoring	Monitoring	Monitoring Type	Monitoring Performed?	
Limit	Limit	K/Z	Date	Limit	Citation	(P/C/N)	~		
VOC	BAAQMD	Υ		VOC content ≤ 2.8	BAAQMD	P-W	Records	Yes	Ī
	8-19-302			pounds/gallon, excluding	8-19-501.1,				
				water	8-19-501.2				
VOC	BAAQMD	z		Cleanup solvent VOC	BAAQMD	P-M	Records	Yes	
	8-19-320.2			content < 0.42	8-19-501.1				_
				pounds/gallon or collect					
				and recycle or properly					
			·	dispose of offsite or use a					
				spray gun washer compliant					
				with BAAQMD 8-16					1
VOC	SIP	۲		Closed containers for VOC	SIP	P-M	Records	Yes	
	8-19-320			containing materials; VOC	8-19-501.1				
				for spray equipment					
				cleanup only if collection					
				equipment is used.					

Table VII - X
Applicable Limits and Compliance Monitoring Requirements
S-323, Dryer, D-605A
S-324, Dryer, D-609
S-535, Portable Dryer, D-605B

Each abated by S-336, Manufacturing Services Thermal Oxidizer

				2039, Part 13	C02				
				Condition	organic carbon oxidized to				
		monitor		6859, Part 6;	weight and ≥ 90% of			8-1-110.3	
In Compliance	Yes	Temperature	C	Condition	VOC abated ≥ 85% by		~	BAAQMD	VOC
			(P/C/N)	Citation	Limit	Date	ΥN	Limit	Limit
Results	Performed?		Frequency	Requirement		Effective	E.	Type of Citation of FE Effective	Type of
Monitoring	Monitoring	Monitoring Type	Monitoring Monitoring	Monitoring		Future	-		

S-336, Manufacturing Services Thermal Oxidizer
Abated by A-86, B14A & B Karbate Acid Absorber > A-21, B-15 Manufacturing Services Scrubber > A-54, B-15

Demister > A-72, B-16 Caustic Scrubber in series Applicable Limits and Compliance Monitoring Requirements Table VII - Y

	08/17/09		5 years	6859, Part 8				6859, Part 3	
In Compliance	Yes	Source Test	P- once every	Condition	NOx ≤ 8.6 lbs/day as NO2		~	Condition	NOx
				6859, Part 5				6859, Part 1	waste
In Compliance	Yes	Records	P-H	Condition	Feed rate ≤ 650 lbs/hour		~	Condition	Liquid
					300 ppm, dry				
					weight or do not emit SO2 >			9-1-304	
	N/A	N/A	z	None	Sulfur content ≤ 0.5% by		4	BAAQMD	SO2
					for 24 hrs				
					ppm for 60 min; 0.05 ppm				
					0.5 ppm for 3 min; 0.25			9-1-301	-
_	N/A	N/A	z	None	ground level concentrations		≺	BAAQMD	SO2
					dry				
		monitor		6859, Part 6	and ≤ 300 ppm total carbon,			8-2-301	
In Compliance	Yes	Temperature	С	Condition	Emissions ≤ 15 pounds/day		۲	BAAQMD	POC
					rate in ton/hr				
					where P is process weight			6-311	
	N/A	N/A	z	None	4.10 P 0.67 lb/hr particulate,		Υ	BAAQMD	ф
								6-310	
	N/A	N/A	z	None	0.15 grain/dscf		4	BAAQMD	ФН
					for < 3 min/hr			6-301	
	N/A	N/A	z	None	Ringelmann No. 1		۲	BAAQMD	Opacity
			(P/C/N)	Citation	Limit	Date	Ϋ́Z	Limit	Limit
	Performed?	Type	Frequency	Requirement		Effective	FE	Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			

Applicable Limits and Compliance Monitoring Requirements Table VII - Y

S-336, Manufacturing Services Thermal Oxidizer Abated by A-86, B14A & B Karbate Acid Absorber > A-21, B-15 Manufacturing Services Scrubber > A-54, B-15 Demister > A-72, B-16 Caustic Scrubber in series

								(2)	
				3.1(a)(11)	of cylinder gasses.			63.1209(d)	
				Subpart EEE;	ensuring current certification Subpart EEE;			EEE;	
In Compliance	N/A	N/A	z	Appendix to	Requires maintaining and		¥	Subpart	
					are being abated				
				6859, Part 9	liquid feed or process vents			6859, Part 9	
In Compliance	Yes	pH monitor	P-H	Condition	pH ≥ 7.6 of A-72 whenever		۲	Condition	pН
		monitor		6859, Part 6	degrees F			6859, Part 6	
In Compliance	Yes	Temperature	C	Condition	Temperature ≥ 1807		×	Condition	VOC
					weight				
		monitor		6859, Part 6	efficiency ≥ 99.99% by			6859, Part 4	
In Compliance	Yes	Temperature	C	Condition	Organic destruction		×	Condition	VOC
			(P/C/N)	Citation	Limit	Date	N/A	Limit	Limit
Results	Performed?	Туре	Frequency	Requirement Frequency		Effective	Æ	Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			

Abated by A-77, R-502 Nonselective Catalytic Reduction Unit, and A-76, B-503A Carbon Adsorber and A-80, B-503B 2039, Part 1 BAAQMD Citation of Condition BAAQMD BAAQMD BAAQMD BAAQMD BAAQMD 8-2-301 9-1-304 9-1-301 6-311 6-310 6-301 Limit Abated by A-74, B-502 Caustic Scrubber and A-94, B-501 Acid Absorber at all times ΕE ž Abated by A-75, X-505 Particulate Scrubber when burning chlorinated liquids ~ ~ < ~ Κ < < Effective Future Date Applicable Limits and Compliance Monitoring Requirements ground level concentrations and \leq 300 ppm total carbon, Emissions ≤ 15 pounds/day weight or do not emit SO2 > 4.10 P 0.67 lb/hr particulate, ppm for 60 min; 0.05 ppm where P is process weight 0.5 ppm for 3 min; 0.25 Sulfur content ≤ 0.5% by Temperature ≥ 1830 Ringelmann No. 1 0.15 grain/dscf for $< 3 \min/hr$ Carbon Adsorber when A-77 is operating 300 ppm, dry rate in ton/hr for 24 hrs degrees F Limit S-389, Sym-Tet Thermal Oxidizer Table VII - Z Requirement 2039, Part 13 Monitoring 2039, Part 13 Condition Condition Citation None None None None None Monitoring Frequency (P/C/N) Z Z Z Z C Z \circ Monitoring Temperature Temperature monitor monitor Type N/A N/A N/A N/A N/A

Opacity

Ŧ

Type of Limit

> Performed? Monitoring

> > **Monitoring Results**

N/A

N/A

N/A

N/A

Z/A

N/A

12/12/2012

Temperature

SO2

SO2

N/A

N/A

Yes

In Compliance

N/A

N/A

Yes

In Compliance

POC

FP

Table VII - Z

Applicable Limits and Compliance Monitoring Requirements
S-389, Sym-Tet Thermal Oxidizer

Abated by A-77, R-502 Nonselective Catalytic Reduction Unit, and A-76, B-503A Carbon Adsorber and A-80, B-503B Abated by A-74, B-502 Caustic Scrubber and A-94, B-501 Acid Absorber at all times Abated by A-75, X-505 Particulate Scrubber when burning chlorinated liquids Carbon Adsorber when A-77 is operating

					are being abated			16	
				2039, Part 16	liquid feed or process vents			2039, Part	_
In Compliance	Yes	pH monitor	P-H	Condition	pH≥7.35 of A-74 whenever		Υ	Condition	рH
								10	
	16st date – 10/22-26/2012	calculations	semiannual	2039, Part 9				2039, Part	
In Compliance	Yes	source test &	P	Condition	NOx ≤ 6194 lbs/year		У	Condition	NOx
					70 gallons/hour				
		calculations			Maximum daily liquid feed <			7 & 8	
		flowmeter/		2039, Part 13	45.1 gallons/hour			2039, Parts	•
In Compliance	Yes	Liquid mass	C	Condition	Annual average liquid feed ≤		Υ	Condition	Liquid waste
					weight				
		monitor		2039, Part 13	efficiency ≥ 99.99% by			2039, Part 5	
In Compliance	Yes	Temperature	С	Condition	Organic destruction		γ	Condition	VOC
	10/22-26/2012		semiannual	2039, Part 10				2039, Part 4	
In Compliance	Yes	Source test	P-	Condition	250 ppm at 3% O2		Υ	Condition	СО
					seconds			2039, Part 2	time
N/A	N/A	N/A	z	None	Residence time ≥ 0.9		Υ	Condition	Residence
			(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
	Performed?	Туре	Frequency	Requirement		Effective	Æ	Citation of	Type of
Monitoring Results	Monitoring	Monitoring	Monitoring	Monitoring		Future			-

Table VII -- AA
Applicable Limits and Compliance Monitoring Requirements
S-400, Experimental Thermal Oxidizer R-901
Abated by A-401, Acid Adsorber B-901
Followed by A-79, Packed Bed Scrubber B-902

Temperature Yes In Compliance Monitor N/A N/A N/A N/A N/A Temperature Monitor Yes In Compliance In Compliance Monitor		None Condition 2213, Part 9 Condition 2213, Part 9	for 24 hrs SO2 ≤ 300 ppm, dry Organic destruction efficiency ≥ 64% by weight Temperature ≥ 1472 degrees F		~	2213,	_
Yes Yes N/A Yes			for 24 hrs SO2 ≤ 300 ppm, dry Organic destruction efficiency ≥ 64% by weigh Temperature ≥ 1472		~		
Yes N/A Yes			for 24 hrs SO2 ≤ 300 ppm, dry Organic destruction efficiency ≥ 64% by weigh			Condition	Temp
Yes Yes			for 24 hrs SO2 ≤ 300 ppm, dry Organic destruction efficiency ≥ 64% by weigh			Part 8	
Yes N/A Yes		None Condition	for 24 hrs SO2 ≤ 300 ppm, dry Organic destruction			2213,	
N/A Yes	z	None	for 24 hrs SO2 ≤ 300 ppm, dry		~	Condition	VOC
N/A Yes	Z	None	for 24 hrs SO2 ≤ 300 ppm, dry	-		9-1-302	
Yes Yes			for 24 hrs		۲	BAAQMD	SO2
N/A Yes		•					
N/A Y&			ppm for 60 min; 0.05 ppm				
N/A Yes			0.5 ppm for 3 min; 0.25			9-1-301	
Yes	Z	None	ground level concentrations		~	BAAQMD	SO2
X &		Part 9	dry				
Yæ		2213,	and ≤ 300 ppm total carbon,			8-2-301	
	С	Condition	Emissions ≤ 15 pounds/day		~	BAAQMD	РОС
-						6-310	
N/A N/A N/A	z	None	0.15 grain/dscf		~	BAAQMD	FP
			for < 3 min/hr			6-301	
N/A N/A N/A	Z	None	Ringelmann No. 1		۲	BAAQMD	Opacity
5	(P/C/N)	Citation	Limit	Date	N/A	Limit	Limit
ncy Type Performed? Results	Frequency	Requirement		Effective	Ŧ	Citation of	Type of
ring Monitoring Monitoring Monitoring	Monitoring M	Monitoring		Future		•	

Abated by A-401, Acid Adsorber B-901 and A-79, Packed Bed Scrubber B-902 Applicable Limits and Compliance Monitoring Requirements S-402, HCl Storage Tank Table VII - AB

				5147, Part 3				5147, Part 2	
In Compliance	Yes	Records	P/E	Condition	200,000 gallons/12-months		~	Condition	нсі
					rate in ton/hr				
					where P is process weight			6-311	
N/A	N/A	N/A	z	None	4.10 P 0.67 lb/hr particulate,		Y	BAAQMD	FP
								6-310	
N/A	N/A	N/A	Z	None	0.15 grain/dscf		Υ	BAAQMD	FP
					for < 3 min/hr			6-301	
N/A	N/A	N/A	z	None	Ringelmann No. 1		Υ	BAAQMD	Opacity
			(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
Results	Performed?		Frequency	Requirement Frequency		Effective	HE	Citation of	Type of
Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring		Future			

Table VII - AC
Applicable Limits and Compliance Monitoring Requirements
S-428, Sym-Tet Processing, H-300
S-448, H-200 Sym-Tet
Both Abated by A-154, Vent Recovery System H-320A & B, T-320

		monitor		5148, Part 3	Exchanger ≤ 140 degF			5148, Part 2	
In Compliance	Yes	Temperature	С	Condition	Temperature exiting Heat		~	Condition	Temp
		temperature							
		drop and							
In Compliance	Yes	Record pressure	C	Part 5					
		monitor			as carbon				
		Temperature		5148, Part 3	weight or emit < 15 lbs/day			5148, Part 1	
In Compliance	Yes	Pressure Drop and	С	Condition	VOC abated ≥ 85% by		~	Condition	VOC
					oxidized to CO2				
					organic carbon must be	-			
		monitor			incineration, ≥ 90% of				
•		Temperature		5148, Part 3	weight; if achieved through			8-1-110.3	
In Compliance	Yes	Pressure Drop and	С	Condition	VOC abated ≥ 85% by		~	BAAQMD	VOC
			(P/C/N)	Citation	Limit	Date	ΥN	Limit	Limit
Results	Performed?		Frequency	Requirement		Effective	FE	Citation of	Type of
Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring		Future			

Table VII – AD

Applicable Limits and Compliance Monitoring Requirements
S-429, T-130A Environmental Services

		detector			cleaning				
		hydrocarbon		8-5-503	ppm as methane after			8-5-328.1.2	
In Compliance	Yes	Portable	P/E	BAAQMD	Concentration of < 10,000		Y	BAAQMD	
					psia				
					has a TVP less than 0.5				
		•			the resulting organic liquid				
				8-5-501	liquid balancing in which			8-5-328.1.1	
In Compliance	Yes	Records	P/E	BAAQMD	Tank cleaning control by		۲	BAAQMD	VOC
					background				
		Inspection		8-18-401	methane) above			8-5-307	
In Compliance	Yes	Method 21	P/Q	BAAQMD	< 100 ppm (expressed as		~	BAAQMD	VOC
Monitoring Results	Performed?	Monitoring Type	(P/C/N)	Citation	Limit	Date	Ϋ́Z	Limit	Limit
; ;	Monitoring		Frequency	Requirement		Effective	FE	CITATION OF	Type of
			Monitoring	Monitoring.		Future			
		-							
							1	7	

Each Abated by S-336, Manufacturing Services Thermal Oxidizer or Operated as Pressure Vessels Applicable Limits and Compliance Monitoring Requirements S-432, Carbon Tetrachloride Pressure Vessel, D-260B S-431, Carbon Tetrachloride Pressure Vessel, D-260A Table VII -- AE

		hydrocarbon detector		8-5-503	ppm as methane after cleaning			8-5-328.1.2	
In Compliance	Yes	Portable	P/E	BAAQMD	Concentration of < 10,000		~	BAAQMD	
					psia				
					has a TVP less than 0.5				
					the resulting organic liquid				
				8-5-501	liquid balancing in which	,		8-5-328.1	
In Compliance	Y&	Records	P/E	BAAQMD	Tank cleaning control by		У	BAAQMD	V0C
					background				
,		Inspection		8-18-401	methane) above			8-5-307	
In Compliance	Υœ	Method 21	P/Q	BAAQMD	< 100 ppm (expressed as		Υ	BAAQMD	VOC
				6859, part 6	requirement				
		monitoring		Condition	includes 95% efficiency			8-5-306	
In Compliance	Yes	Temperature	C	BAAQMD	Control device standards;		<u> </u>	BAAQMD	VOC
Monitoring Results	Performed?	Monitoring Type	(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
	Monitoring		Frequency	Requirement		Effective	RE	Citation of	Type of
-			Monitoring	Monitoring		Future		Citation of	
		-					····		

Abated by A-87, HCl Absorber/Heat Exchanger H-109 and A-85, Absorber - Packed Bed in series, Followed by A-Applicable Limits and Compliance Monitoring Requirements 199, Manufacturing Services Scrubber B-12, or S-434, Manufacturing Services Facility Table VII - AF

Abated by S-336, Manufacturing Services Thermal Oxidizer, or

Abated by A-199, Manufacturing Services Scrubber B-12

			Future	i de	Monitoring	Monitoring	Monitoring	Monitoring	Monitoring
Type of Limit	Citation of	FE.	Effective	-	Requirement	Frequency	Type	Performed?	Results
	Limit	ΥN	Date	Limit	Citation	(P/C/N)			
Opacity	BAAQMD	Υ		Ringelmann No. 1	For A-199	A-199: P-D	Caustic	Υœ	In Compliance
	6-301			for < 3 min/hr	and A-87/A-		concentration		
					85/A-199:				
					Condition				
					17985, Part 7				
					For S-336:	S-336: C	Temperature	Yes	In Compliance
					Condition		monitor		
					6859, Part 6				
FP	BAAQMD	γ		0.15 grain/dscf	For A-199	A-199: P-D	Caustic	Yes	In Compliance
	6-310				and A-87/A-		concentration		
					85/A-199:				
					Condition				
					17985, Part 7				
-					For S-336:	S-336: C	Temperature	Yes	In Compliance
					Condition		monitor		
					6859, Part 6				
FP	BAAQMD	A		4.10 P ^{0.67} lb/hr	For A-199	A-199: P-D	Caustic	Yes	In Compliance
	6-311			particulate, where P is			concentration		
				process weight rate in	85/A-199:	-			
				ton/hr	Condition				
					For \$_136.	S-336: C	Temperature	Vec	In Compliance
					1.01 9-330.	0-JJ0. C	Temperature	163	III Compilaire

Table VII - AF

Applicable Limits and Compliance Monitoring Requirements
S-434, Manufacturing Services Facility

Abated by A-87, HCl Absorber/Heat Exchanger H-109 and A-85, Absorber - Packed Bed in series, Followed by A-Abated by S-336, Manufacturing Services Thermal Oxidizer, or Abated by A-199, Manufacturing Services Scrubber B-12 199, Manufacturing Services Scrubber B-12, or

					months			9	
				17985, Part 9	≤ 108,300 tons/12			17985, Part	
In Compliance	Yes	Records	P-M	Condition	36% HCl production		Υ	Condition	HCl
In Compliance	Yes	рН	A-199: P-D	Condition 17985, Part 7	wt. A-199 pH≥8.5			6	pH
		concentration		17985, Part 7	concentration ≥1%			17985, Part	concentration
In Compliance	Yes	Caustic	A-199: P-D	Condition	A-199 Caustic		۲	Condition	Caustic
					pressure < 4.6 psig				
					until organic partial				
					or contained/treated		-		_
					recovered/combusted				
				21060	depressurization			8-10-301	
In Compliance	Yes	Records	P-E	Condition	Vessel		Υ	BAAQMD	POC
				6859, Part 6					
		monitor		Condition					
In Compliance	Yes	Temperature	S-336: C	For S-336:					
				17985, Part 7	caroon, ary				
				Condition	carbon dry				
				85/A-199:	300 ppm total				
		concentration		and A-87/A-	pounds/day and ≤			8-2-301	
In Compliance	Yes	Caustic	A-199: P-D	For A-199	Emissions ≤ 15		Υ	BAAQMD	POC
				6859, Part 6					-
		monitor		Condition					
			(P/C/N)	Citation	Limit	Date	Y/N	Limit	
Results	Performed?	Type	Frequency	Requirement	*****	Effective	HE	Citation of	Type of Limit
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future	-		

Table VII - AG
Applicable Limits and Compliance Monitoring Requirements
S-444, U-183 Dowtherm Heater

								3	
								11054, Part	
N/A	N/A	N/A	Z	None	50 ppmvd at 3% O2		×	Condition	СО
								9-7-301.2	
N/A	N/A	N/A	Z	None	400 ppmvd at 3% O2		γ	BAAQMD	СО
	11/10/2012		years						
	16st date –		every 5	11054, Part 5				9-7-301.1	
In Compliance	Yes	Source Test	P once	Condition	30 ppmvd at 3% O2		Υ	BAAQMD	NOx
								9-1-302	
N/A	N/A	N/A	z	None	SO2 ≤ 300 ppm, dry		γ	BAAQMD	S02
					for 24 hrs				
					ppm for 60 min; 0.05 ppm				
					0.5 ppm for 3 min; 0.25			9-1-301	
N/A	N/A	N/A	z	None	ground level concentrations		¥	BAAQMD	S02
					02				
					dry standard conditions 6%			6-310.3	
N/A	N/A	N/A	z	None	0.15 grain/dscf, corrected to		۲	BAAQMD	FP
					for < 3 min/hr			6-301	
N/A	N/A	N/A	Z	None	Ringelmann No. 1		Υ	BAAQMD	Opacity
			(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
Results	Performed?	Туре	Frequency	Requirement		Effective	FE	Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			
				M.				1	

Abated by A-89, X-3 Emergency Venturi at N-Serve/Sym-Tet Reactor and Stripping Systems abated by A-168, B-609 Emergency Backup Caustic Scrubber Applicable Limits and Compliance Monitoring Requirements Abated by A-88, B-106 Sym-Tet Scrubber or Abated by S-389 when S-389 is operating, or S-446, Sym-Tet Plant Table VII - AH

				None					
				For A-88/ A-89:					
N/A	N/A	N/A	A-88/89: N	Part 13	ppm total carbon, dry				
-		monitor		Condition 2039,	pounds/day and ≤ 300			8-2-301	
In Compliance	Y&	Temperature	S-389: C	For S-389:	Emissions ≤ 15		٢	BAAQMD	POC
					ton/hr				
					process weight rate in				
			Above		particulate, where P is			6-311	
In Compliance	Yes	Same as Above	Same as	Same as Above	4.10 P ^{0.67} lb/hr		Y	BAAQMD	FP
			Above					6-310	
In Compliance	Yæ	Same as Above	Same as	Same as Above	0.15 grain/dscf		۲	BAAQMD	FP
				17985, Parts 7					
•				199: Condition					
		concentration		A-87/A-85/A-					
In Compliance	Υœ	Caustic	A-199: P-D	For S-434 or					
				89: None					
N/A	N/A	N/A	A-88/89: N	For A-88/ A-					
	•			Part 13					
		monitor		Condition 2039,	for < 3 min/hr			6-301	
In Compliance	Yes	Temperature	S-389: C	For S-389:	Ringelmann No. 1		Υ	BAAQMD	Opacity
							Z		
			(P/C/N)	Citation	Limit	Date	Υ/	Limit	
Results	Performed?	Type	Frequency	Requirement	,	Effective	FE	Citation of	Type of Limit
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			

Table VII - AH
Applicable Limits and Compliance Monitoring Requirements
S-446, Sym-Tet Plant

Abated by S-389 when S-389 is operating, or Abated by A-88, B-106 Sym-Tet Scrubber or

Abated by A-89, X-3 Emergency Venturi at N-Serve/Sym-Tet Reactor and Stripping Systems abated by A-168, B-609 Emergency Backup Caustic Scrubber

					wt.			6	
		concentration		17985, Part 7	concentration ≥ 1%			17985, Part	concentration
In Compliance	Yes	Caustic	A-199: P-D	Condition	A-199 Caustic		~	Condition	Caustic
					pressure < 4.6 psig				
					until organic partial				
					or contained/treated				
					recovered/combusted				
				21060	depressurization			8-10-301	
In Compliance	Yes	Records	P-E	Condition	Vessel		×	BAAQMD	РОС
							z		
			(P/C/N)	Citation	Limit	Date	×	Limit	
Results	Performed?	Туре	Frequency	Requirement		Effective	FE	Citation of	Type of Limit
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring	-	Future			

Table VII - AI
Applicable Limits and Compliance Monitoring Requirements
S-449, HCl StorageTank T-30
Abated by A-91, B-30 Absorber

period									
this compliance				ī				٨	
service during					•			ِ د	
Unit out of				18128, Part	≤ 0.3 lbs/day			18128, Part	
N/A	Yes	Records	P.D	Condition	Abated HCl emissions			Condition	HC1
period									
this compliance				-			-	,	
service during				4				_	
Unit out of				18128, Part	≤ 68 lbs/12 months			18128, Part	
N/A	Υœ	Records	P-M	Condition	Abated HCl emissions			Condition	HC1
period					ton/hr			,	
this compliance					broces weight face in				
service during					process weight rate in				
Unit out of					particulate, where P is			6-311	
N/A	N/A	N/A	z	None	4.10 P ^{0.67} lb/hr		~	BAAQMD	FP
period									
this compliance									
service during									
Unit out of	·							6-310	
N/A	N/A	N/A	z	None	0.15 grain/dscf		Υ	BAAQMD	FP
period									
this compliance									
service during								4	
Unit out of					for < 3 min/hr			6-301	ı
N/A	N/A	N/A	Z	None	Ringelmann No. 1		Υ	BAAQMD	Opacity
			(P/C/N)	nt Citation	Limit	Date	ΥN	Limit	
Results	Performed?	Type	Frequency	Requireme		Effective	Ŧ	Citation of	Type of Limit
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			
Manitoring	Monitoring	Monitoring	Monitoring	Manienting	,	B			-

Table VII - AJ Applicable Limits and Compliance Monitoring Requirements S-454, Vikane Plant

Abated by A-87, HCl Absorber/Heat Exchanger H-109 and A-85, Absorber – Packed Bed, in series followed by A-199, Abated by S-434, Manufacturing Services Facility followed by A-199, Manufacturing Services Scrubber B-12 or Manufacturing Services Scrubber B-12, or

Same as above Same as Same as above above
Caustic
Caustic
monitor
Temperature
Frequency Type
Monitoring Monitoring

Table VII - AJ
Applicable Limits and Compliance Monitoring Requirements
S-454, Vikane Plant

Abated by A-87, HCl Absorber/Heat Exchanger H-109 and A-85, Absorber – Packed Bed, in series followed by A-199, Abated by S-434, Manufacturing Services Facility followed by A-199, Manufacturing Services Scrubber B-12 or Manufacturing Services Scrubber B-12, or

during this	service during				lbs/12 months and			1	
Unit out of service	Unit out of		,	Part 12	emissions ≤ 718.8		,	18128. Parts	1 to
N/A	N/A	Records	P-D	Condition 18128.	Abated PM		~	Condition	PM
,	period								
during this	service during								
Unit out of service	Unit out of							9-1-302	
N/A	N/A	N/A	z	None	SO2 ≤ 300 ppm, dry		۲	BAAQMD	SO2
	period				0.05 ppm for 24 hrs				
compliance period	this compliance				ppm for 60 min;				
during this	service during				ppm for 3 min; 0.25				
Unit out of service	Unit out of				concentrations 0.5			9-1-301	
N/A	N/A	A/N	Z	None	Ground level		۲	BAAQMD	SO2
	period								
compliance period	this compliance		_		in ton/hr		•		
during this	service during				is process weight rate				
Unit out of service	Unit out of		above		particulate, where P			6-311	
N/A	N/A	Same as above	Same as	Same as above	4.10 P ^{0.5} / lb/hr		γ	BAAQMD	FP
	period								
			(P/C/N)	Citation	Limit	Date	Ϋ́Z	Limit	-
Results	Performed?	Type	Frequency	Requirement		Effective	FE	Citation of	Type of Limit
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			

Table VII - AJ Applicable Limits and Compliance Monitoring Requirements S-454, Vikane Plant

Abated by A-87, HCl Absorber/Heat Exchanger H-109 and A-85, Absorber – Packed Bed, in series followed by A-199, Abated by S-434, Manufacturing Services Facility followed by A-199, Manufacturing Services Scrubber B-12 or Manufacturing Services Scrubber B-12, or

				·	
HCI	HCl	HCl	РМ		Type of Limit
Condition	Condition 18128, Part 9	Condition 18128, Part 8	Condition 18128, Parts 2		Citation of Limit
4	Y	Y	×		FE Y/N
					Future Effective Date
99% wt control or ≤	Average daily temperature ≤ 80 degreesC	99.99%, wt, removal or < 0.068 lb/hour	Abated PM emissions \(\le 2.5 \) lbs/day and SO2 emissions < 0.04 lbs/day	SO2 emissions < 10.4 lbs/12 months	Limit
Condition 18128,	Condition 18128, Part 9	Condition 18128, Part 9	Condition 18128, Part 12		Monitoring Requirement Citation
P-D	P-D	P-D	P-D		Monitoring Frequency (P/C/N)
Caustic	Temperature monitor	Temperature monitor	Records		Monitoring Type
N/A	N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period	this compliance period	Monitoring Performed?
N/A	N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period	compliance period	Monitoring Results

Table VII - AJ

Applicable Limits and Compliance Monitoring Requirements

S-454, Vikane Plant

Abated by A-87, HCl Absorber/Heat Exchanger H-109 and A-85, Absorber – Packed Bed, in series followed by A-199, Abated by S-434, Manufacturing Services Facility followed by A-199, Manufacturing Services Scrubber B-12 or Manufacturing Services Scrubber B-12, or

Caustic		S02		Other acid gas	.	L n	Type of Limit
Condition	10	Condition 18128, Part	10	Condition 18128, Part	18128, Part 10	18128, Part 10	Citation of Limit
Υ		~		А	•	<	FE Y/N
							Future Effective Date
OH concentration		99% wt control or ≤ 0.61 lbs/hr SO2	acid gas.	99% wt control or ≤ 0.025 lbs/hr other	0.59 lbs/hr HF.	0.0023 lbs/hr HCl	Limit
Condition 18128,		Condition 18128, Part 11		Condition 18128, Part 11	Part 11	Part 11	Monitoring Requirement Citation
P-D	every 5 years	P-D P-once	every 5 years	P-D P - once	P - once every 5 years	P - once per permit term	Monitoring Frequency (P/C/N)
Caustic	Source Test	Caustic concentration	Source Test	Caustic concentration	concentration Source Test	concentration Source Test Caustic	Monitoring Type
A/N	service during this compliance period	N/A Unit out of	service during this compliance period	N/A Unit out of	Unit out of service during this compliance period	Unit out of service during this compliance period	Monitoring Performed?
N/A	during this compliance period	N/A Unit out of service	compliance period	N/A Unit out of service	Unit out of service during this compliance period	Unit out of service during this compliance period	Monitoring Results

Table VII - AJ

Applicable Limits and Compliance Monitoring Requirements
S-454, Vikane Plant

Abated by A-87, HCl Absorber/Heat Exchanger H-109 and A-85, Absorber – Packed Bed, in series followed by A-199, Abated by S-434, Manufacturing Services Facility followed by A-199, Manufacturing Services Scrubber B-12 or Manufacturing Services Scrubber B-12, or

	period								
compliance period	this compliance								
during this	service during							=	
Unit out of service	Unit out of	concentration		Part 11	> 2% wt			18128, Part	concentration
			(P/C/N)	Citation	Limit *	Y/N Date	Ϋ́N	Limit	
Results	Performed?	Type	Frequency	Requirement		Effective	FE	Citation of	Type of Limit Citation of FE Effective
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring	*	Future			

Table VII – AK
Applicable Limits and Compliance Monitoring Requirements
[Pressure Tank < 75m³]
S-458, T-80 in Block 660

tive Limit Requirement (P/C/N) Monitoring Type Performed? Monitoring Results A complete Citation (P/C/N) Monitoring Type Performed? Monitoring Results										
Monitoring Monitoring Requirement Frequency Limit Citation (P/C/N) Monitoring Type Performed? < 100 ppm (expressed as BAAQMD methane) above 8-18-401 P/Q Method 21 Yes			Inspection			background				
Monitoring Monitoring Requirement Frequency Limit Citation (P/C/N) Monitoring Type Performed?			- 1		8-18-401	methane) above			8-5-307	
Monitoring Monitoring Requirement Frequency Monitoring Limit Citation (P/C/N) Monitoring Type Performed?	In Compliance	Υœ		P/Q		< 100 ppm (expressed as		Υ	BAAQMD	VOC
Monitoring Monitoring Requirement Frequency Monitoring	Monitoring Results	Performed?		(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
Monitoring Monitoring		Surionnoin		Frequency	Requirement		Effective	Æ	CHAUOD OF	Type of
				Monitoring	Monitoring		Future		Citation of	
-						-				

Table VII - AL
Applicable Limits and Compliance Monitoring Requirements
S-460, Dowtherm Heater U-83

Type of	Citation of	Z E	Future Effective	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring	ng Type	Type Monitoring Performed?
Limit	Limit	Ϋ́N	Date	Limit	Citation	(P/C/N)			
Opacity	BAAQMD	۲		Ringelmann No. 1	None	Z		N/A	N/A N/A
	6-301			for < 3 min/hr					
FP	BAAQMD	Υ		0.15 grain/dscf, corrected to	None	z		N/A	N/A N/A
	6-310.3			dry standard conditions 6%					
				02					
FP	BAAQMD	Υ		4.10 P 0.67 lb/hr particulate,	None	N		N/A	N/A N/A
	6-311			where P is process weight					
				rate in ton/hr					
SO2	BAAQMD	Υ		ground level concentrations	None	z		N/A	N/A N/A
	9-1-301			0.5 ppm for 3 min; 0.25					
				ppm for 60 min; 0.05 ppm					
	-			for 24 hrs					
SO2	BAAQMD	Υ		SO2 ≤ 300 ppm, dry	None	z		N/A	N/A N/A
	9-1-302								
NOx	BAAQMD	۲		30 ppmvd at 3% O2	Condition	·P - once	ñ	e Source Test	
	9-7-301.1				503, Part 7	every 5	<u> </u>	<u> </u>	5 Test date -
						years	"	<i>v.</i>	9/
СО	BAAQMD	~		400 ppmvd at 3% O2	None	z		N/A	N/A N/A
	9-7-301.2								

Applicable Limits and Compliance Monitoring Requirements S-461, Plant 663 R-401 Reactor, Abated by A-96, B-405 Acid Absorber & Tails Tower S-462, Plant 663 R-402 Reactor, Abated by A-96, B-405 Acid Absorber & Tails Tower S-463, Plant 663 F-403 Separator Table VII - AM

					rate in ton/hr				
					where P is process weight			6-311	
N/A	N/A	N/A	z	None	4.10 P 0.67 lb/hr particulate,	:	Υ	BAAQMD	FP
								6-310	
N/A	N/A	N/A	z	None	0.15 grain/dscf		Υ	BAAQMD	FP
					for < 3 min/hr			6-301	
Z/A	N/A	N/A	z	None	Ringelmann No. 1		Y	BAAQMD	Opacity
			(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
	Performed?		Frequency	Requirement		FE Effective		Citation of	Type of
Monitoring Results	Monitoring	Monitoring Type	Monitoring	Monitoring		Future			

Abated by A-95, F-413 Bag Filter and A-114, Vacuum System with Condenser Applicable Limits and Compliance Monitoring Requirements S-464, Product Dryer Table VII - AN

	11								
			Future		Monitoring	Monitoring Monitoring	Monitoring Type	Monitoring	Monitoring Results
Type of	Citation of	HE	Effective		Requirement Frequency	Frequency		Performed?	
Limit	Limit	Ϋ́	Date	Limit	Citation	(P/C/N)			
Opacity	BAAQMD	٧		Ringelmann No. 1	None	Z	N/A	N/A	N/A
	6-301			for < 3 min/hr					
FP	BAAQMD	Y		0.15 grain/dscf	None	z	N/A	N/A	N/A
	6-310								
FP	BAAQMD	Υ		4.10 P 0.67 lb/hr particulate,	None	z	N/A	N/A	N/A
	6-311			where P is process weight					
				rate in ton/hr					

Table VII - AO

Applicable Limits and Compliance Monitoring Requirements
S-474, Plant 421 - Verdict Reactor R-210,

A-99, B-203 Scrubber, A-100, B-230 Scrubber, A-101, H-205 Falling Film Absorber, and A-102, B-206 Scrubber Abated by A-97, B-201 Organic Scrubber, A-98, B-202 Reactor Vent Scrubber, S-476, Plant 421 Trifluoro,

Abated by A-97, B-201 Organic Scrubber, and A-100, B-230 Scrubber

			Future		Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring
Type of	Citation of	玉	Effective		Requirement	Frequency		Performed?	Results
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)			
Opacity	BAAQMD	Υ		Ringelmann No. 1	None	z	N/A	N/A	N/A
	6-301			for < 3 min/hr					
FP	BAAQMD	۲		0.15 grain/dscf	None	z	N/A	N/A	N/A
	6-310								
FР	BAAQMD	۲		4.10 P 0.67 lb/hr particulate,	None	z	N/A	N/A	N/A
	6-311			where P is process weight					
				rate in ton/hr					
РОС	BAAQMD	۲		Emissions ≤ 15 pounds/day	None	Z	N/A	N/A	N/A
	8-2-301		-	and ≤ 300 ppm total carbon,					
				dry		٠			

Table VII-AP
Applicable Limits and Compliance Monitoring Requirements
S-489, Latex Still B-100
Abated by A-42, B-368 Latex Plant Styrene Scrubber,
Followed by S-336 or S-389, Thermal Oxidizers
(90% of Latex Plant Operating Time)
S-490, B-310 Partial Condenser

Abated by A-42, B-368 Latex Plant Styrene Scrubber during stripping of decant water Followed by S-336 or S-389, Thermal Oxidizers

0	0				to thermal			5	
during this	Service during			16610, Part 8	emissions vented			16610, Part	
N/A	N/A	Records	P-D/E	Condition	Scrubber		Υ	Condition	VOC
	period	produced			lbs/day				
compliance period	this compliance	records of batches			A-42 ≤ 346			4	
during this	service during	COHCEIN audin,		10010, 12110	emissions mom			10010, Fan	
Unit out of service	Unit out of	concentration:	;	16610 Dart 8	amissions from		ı	16610 Dom	
N/A	N/A	Styrene	P-D	Condition	Styrene		Υ	Condition	VOC
				16610, Part 8					
	period	produced		Condition				•	
compliance period	this compliance	records of batches		oxidizer:					
during this	service during	concentration;		venting to	by ≥ 95%				
I Init out of service	I Init out of	Styrene	P-D	When not	emissions abated	,			
- NI/A		-		2039, Part 13	10 lbs/day or				
				Condition	tanks combined ≤				
	period			6859, Part 6;	and thinning				
compliance period	this compliance			Condition	reactors, blending				
during this	service during	monitor		S-389:	from all resin			8-36-301	
N/A	N/A	Temperature	C	For S-336/	POC emissions		×	BAAQMD	POC
			(P/C/N)	Citation	Limit	Date	Y/N	Limit	
Results	Performed?	•	Frequency	Requirement		Effective	Æ	Citation of	Type of Limit
Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring	-	Future			
		T							

Table VII-AP
Applicable Limits and Compliance Monitoring Requirements
S-489, Latex Still B-100

Abated by A-42, B-368 Latex Plant Styrene Scrubber, Followed by S-336 or S-389, Thermal Oxidizers (90% of Latex Plant Operating Time)

Abated by A-42, B-368 Latex Plant Styrene Scrubber during stripping of decant water Followed by S-336 or S-389, Thermal Oxidizers S-490, B-310 Partial Condenser

<u> </u>		:
Batches	Styrene	Type of Limit Citation of
Condition 16610, Part 7	Condition 16610, Part 6	Citation of Limit
~	×	FE Y/N
		Future Effective Date
When not vented to oxidizer: 4 batches/day, max.	oxidizer 90% of operating time When not vented to oxidizer: Styrene concentration in scrubber ≥ 80% by weight;	Limit
Condition 16610, Part 8	Condition 16610, Part 8	Monitoring Requirement Citation
P-D	P-D	Monitoring Frequency (P/C/N)
Records	Styrene concentration; records of batches produced	Monitoring Type
N/A Unit out of service during this compliance period	this compliance period N/A Unit out of service during this compliance period	Monitoring Performed?
N/A Unit out of service during this compliance period	N/A N/A Unit out of service during this compliance period	Monitoring Results

Table VII – AQ
Applicable Limits and Compliance Monitoring Requirements
S-492, T-403 Environmental Services

Time of	Citation of	ਸ ਜ	Future		Monitoring	Monitoring		Monitoring	
Limit	Limit	X	Date	Limit	Citation	(P/C/N)	Monitoring Type		Monitoring Results
70V	BAAQMD	Υ		Control device standards;	BAAQMD	C	Temperature	Yes	In Compliance
	8-5-306			includes 95% efficiency	Condition		monitoring		
				requirement	6859, part 6		,		
				(when operated with					
				emission control system)					
VOC	BAAQMD	Υ		< 100 ppm (expressed as	BAAQMD	P/Q	Method 21	Yes	In Compliance
	8-5-307			methane) above	8-18-401		Inspection		
				background					
				(when operated as pressure					
				tank)					
VOC	BAAQMD	Υ		Tank cleaning control by	BAAQMD	P/E	Records	Yes	In Compliance
	8-5-328.1			liquid balancing in which	8-5-501				
				the resulting organic liquid	•	,			
				has a TVP less than 0.5					
				psia					
VOC	BAAQMD	Υ		Concentration of < 10,000	BAAQMD	P/E	Portable	Yes	In Compliance
	8-5-328.1.2			ppm as methane after	8-5-503		hydrocarbon		
				cleaning			detector		

Table VII – AR
Applicable Limits and Compliance Monitoring Requirements
S-496, T-241 Storage Tank Specialty Chemicals

VOC	Type of Limit
BAAQMD 8-5-307	Citation of Limit
Y	EE EE
	Future Effective Date
< 100 ppm (expressed as methane) above background	Limit
BAAQMD 8-18-401	2.50
P/Q	Monitoring Frequency (P/C/N)
Method 21 Inspection	Monitoring Type
Yes	Monitoring Performed?
In Compliance	Monitoring Results

12/12/2012

A-121, In-Process Technology Thermal Abatement Device Followed by A-401, Acid Adsorber B-901 and A-79, Packed Bed Scrubber B-902 Abated by Either S-400, Experimental Thermal Oxidizer R-901 or Applicable Limits and Compliance Monitoring Requirements S-504, Chlorinolysis Train 1 Table VII - AS

		rate							
In Compliance	Yes	Record liquid feed		Part 12(c)					
		maximum federate						-	
		calculation of		Part 4	abatement			Part 4	
		content and		2213	pounds/hour before			2213	
In Compliance	Yes	Measurement VOC	P-E	Condition	VOC emissions ≤ 15.75		¥	Condition	VOC
compliance period	compliance period								
during this	during this				residence time ≥ 1 second				
Unit out of service	Unit out of service	Monitor		2213 Part 2	1800 degrees F and			2213, Part 2	
N/A	N/A	Temperature	С	Condition	A-121: Temperature≥		٧	Condition	Temp
reporting period.	compliance period								
during this	during this				weight				
Unit out of service	Unit out of service	Monitor		2213 Part 2	efficiency ≥ 99.9% by			2213, Part 1	
N/A	N/A	Temperature	С	Condition	A-121: Organic destruction		Υ	Condition	VOC
				2213, Part 9					
In Compliance	Yes	Monitor		Condition					-
		Temperature	S-400: C	For S-400:					
compliance period	compliance period								
during this	during this			2213, Part 2	dry				
Unit out of service	Unit out of service	Monitor		Condition	and ≤ 300 ppm total carbon,			8-2-301	
N/A	N/A	Temperature	A-121: C	For A-121:	Emissions ≤ 15 pounds/day		Y	BAAQMD	РОС
			(P/C/N)	Citation	Limit	Date	ΚX	Limit	Limit
Results	Performed?		Frequency	Requirement		Effective	Æ	Citation of	Type of
Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring		Future			
	, ,			T			1	1]

Table VII - AT
Applicable Limits and Compliance Monitoring Requirements
S-505, Chlorinolysis Train 2

Abated by either S-400, Experimental Thermal Oxidizer R-901 or A-121, In-Process Technology Thermal Abatement

Followed by A-401, Acid Adsorber B-901 and A-79, Packed Bed Scrubber B-902

			Future		Monitoring	Monitoring	Monitoring Type	Mon	Monitoring
Type of	Citation of	FE	Effective		Requirement	Frequency	š.,		Performed?
Limit	Limit	ΝY	Date	Limit	Citation	(P/C/N)			
POC	BAAQMD	A		Emissions ≤ 15 pounds/day	For A-121:	A-121: C	Temperature	IT C	ıre N/A
	8-2-301			and ≤ 300 ppm total carbon,	Condition		Monitor		Unit out of service
_				dry	2213, Part 2				during this
									compliance period
					For S-400:	S-400: C	Temperature	ature	ature Yes
					Condition		Monitor	itor	itor
					2213, Part 9			:	
VOC	Condition	γ	-	A-121: Organic destruction	Condition	C	Temperature	rature	rature N/A
	2213, Part 1			efficiency ≥ 99.9% by	2213 Part 2		Monitor	itor	itor Unit out of service
				weight					during this
									compliance period
Temp	Condition	Å		A-121: Temperature ≥	Condition	С	Temperature	ature	ature N/A
	2213, Part 2			1800 degrees F and	2213 Part 2		Monitor	itor	itor Unit out of service
				residence time ≥ 1 second					during this
									compliance period
VOC	Condition	~		VOC emissions ≤ 1.5	None	z	N/A	Α	A N/A
	2213, Part 5			pounds/hour before					
				ahatement					

Abated by S-336, Manufacturing Services Thermal Oxidizer or Operated as a Pressure Vessel Applicable Limits and Compliance Monitoring Requirements S-506, Manufacturing Services Storage Tank, T-404 Table VII - AU

In Compliance	Yes	Temperature monitoring	C	BAAQMD Conditions 6859, part 6	When not operated as a pressure tank - Control device standards; includes 95% efficiency requirement ()		~	NSPS Subpart Kb 60.112b (a)(3)(ii)	VOC
In Compliance	Yes	Inspection using Method 21	P/Q	BAAQMD 8-18-401	When operated with emission control system - Closed vent system leak tightness standards, VOC concentrations shall not exceed 500 ppmv above background		Υ	NSPS Subpart Kb 60.112b (a)(3)(i)	VOC
In Compliance	Yes	Portable hydrocarbon detector	P/E	BAAQMD 8-5-503	Concentration of < 10,000 ppm as methane after cleaning		~	BAAQMD 8-5-328.1.2	VOC
In Compliance	Yes	Records	P/E	8-5-501	Tank cleaning control by liquid balancing in which the resulting organic liquid has a TVP less than 0.5 psia		Y	BAAQMD 8-5-328.1	VOC
In Compliance	Yes	Method 21 Inspection	P/Q	BAAQMD 8-18-401	< 100 ppm (expressed as methane) above background (when operated as a pressure tank)		Y	BAAQMD 8-5-307	VOC
In Compliance	Yes	Temperature monitoring	C	BAAQMD Condition 6859, part 6	Control device standards; includes 95% efficiency requirement (when operated with emission control system)		Υ	BAAQMD 8-5-306	VOC
Monitoring Results	Monitoring Performed?	Monitoring Type	Monitoring Frequency (P/C/N)	Monitoring Requirement Citation	Limit	Future Effective	Z E	Citation of Limit	Type of

Table VII-AV
Applicable Limits and Compliance Monitoring Requirements
S-507, Latex Plant Reactor, R-100
Abated by A-42, B-368 Latex Plant Styrene Scrubber,
Followed by S-336 or S-389, Thermal Oxidizers

Onit out of service	Onit out of			16610, Part 8	vented to thermal			16610, Part	
N/A	N/A	Records	P-D/E	Condition	Scrubber emissions		~	Condition	VOC
	period	batches produced							
compliance period	this compliance	records of			lbs/day			4	
Unit out of service	Onit out of	concentration;		16610, Part 8	from A-42 ≤ 346			16610, Part	
N/A	N/A	Styrene	P-D	Condition	Styrene emissions		Υ	Condition	VOC
,	period								
compliance period	this compliance				whichever is greater				
during this	service during	Methods		63.104(b)(1)	conc. by 1ppm or 10%			63.104(b)(1)	
N/A	N/A	EPA Approved	P-Q	63.502(n);	Exit conc. > entrance		Y	Subpart U	VOC.
				16610, Part 8				-	
	period	batches produced		Condition		•			
compliance period	this compliance	records of		oxidizer:					
during this	service during	concentration;		venting to					•
Unit out of service	N/A	Styrene	P-D	When not	95%				
X .	.			2039, Part 13	emissions abated by ≥				
				Condition	pounds/day or POC				
,	period			6859, Part 6;	tanks combined ≤ 10				
compliance period	this compliance			Condition	blending and thinning				
during this	service during	monitor		S-389:	all resin reactors,			8-36-301	
N/A	N/A	Temperature	С	For S-336 or	POC emissions from		۲	BAAQMD	POC
			(P/C/N)	Citation	Limit	Date	Y/N	Limit	
Results	Performed?	Type	Frequency	Requirement		Effective	FE	Citation of	
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			Type of Limit
,			T	7	Assessment	,			

Table VII-AV
Applicable Limits and Compliance Monitoring Requirements
S-507, Latex Plant Reactor, R-100
Abated by A-42, B-368 Latex Plant Styrene Scrubber,
Followed by S-336 or S-389, Thermal Oxidizers

	period								
compliance period	this compliance				batches/day, max.			7	
during this	service during			16610, Part 8	oxidizer: 4			16610, Part	
N/A Unit out of service	N/A Unit out of	Records	P-D	Condition	When not vented to		۲	Condition	Batches
					weight;				
	period	batches produced			scrubber ≥ 80% by				
compliance period	this compliance	records of			concentration in			6	
during this	service during	concentration;		16610, Part 8	oxidizer: Styrene			16610, Part	concentration
I India	N/A	Styrene	P-D	Condition	When not vented to		~	Condition	Styrene
	period				operating time				
during this compliance period	service during this compliance		•		oxidizer 90% of		-	S	
			(P/C/N)	Citation	Limit	Date	Ϋ́N	Limit	
Results	Performed?	Type	Frequency	Requirement		Effective	FE	Citation of	
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring	-	Future		-	Type of Limit

ij

Table VII – AW

Applicable Limits and Compliance Monitoring Requirements S-519, Chlorinated Pyridine Storage Tank, T-502A S-520, Chlorinated Pyridine Storage Tank, T-501B Each abated by S-389, Sym-Tet Thermal Oxidizer or Operated as Pressure Tanks if S-389 is not operating

Monitoring Frequency (P/C/N) Monitoring Type C Temperature monitoring N N N/A N/A Monitoring Performed? Performed? N N N/A N/A N/A N/A N/A
Monitor Perform Yes

Table VII - AX
Applicable Limits and Compliance Monitoring Requirements
S-521, Water Treatment System – Steam Stripper
Abated by S-336 or S-389, Thermal Oxidizers

					components or connectors				
			Table	Table	emissions from the			_	
Table	Table	Table	Components	Components	with no detectable			1785, Part 1	
See Components	See Components See Components	See Components	See	Sec	System shall be vapor tight		Υ	Condition	νος
				2039, Part 13					
				Condition	dry				
				6859, Part 6;	and ≤ 300 ppm total carbon,			8-2-301	
In Compliance	Yes	Temperature monitor	C	Condition	Emissions ≤ 15 pounds/day		~	BAAQMD	VOC
			(P/C/N)	Citation	Limit	Y/N Date	ΥN	Limit	Limit
Results	Performed?		Frequency	Requirement Frequency		Effective	FЕ	Citation of FE Effective	Type of
Monitoring	Monitoring	Monitoring Type	Monitoring Monitoring	Monitoring		Future			

Table VII - AY
Applicable Limits and Compliance Monitoring Requirements
S-530, T-902 HCl Storage Tank

			Future	-	Monitoring Monitoring	Monitoring	Monitoring	Monitoring	Monitoring
Type of	Citation of	HE	Effective		Requirement	Frequency	Туре	Performed?	Results
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)			
Opacity	BAAQMD	γ		Ringelmann No. 1	None	z	N/A	N/A	N/A
	6-301			for < 3 min/hr					
FР	BAAQMD	Υ	_	0.15 grain/dscf	None	z	N/A	N/A	N/A
	6-310								
FP	BAAQMD	Υ		4.10 P 0.67 lb/hr particulate,	None	z	N/A	N/A	N/A
	6-311			where P is process weight					
				rate in ton/hr					

Table VII – AZ

Applicable Limits and Compliance Monitoring Requirements
S-531, Organic Liquid Storage Tank
S-532, Organic Liquid Storage Tank
Abated by S-336 or S-389, Thermal Oxidizers

٧c	Type of Limit
	e of
BAAQMD 8-5-306	Citation of Limit
×	YN FE
	Future FE Effective YN Date
Control device standards; Conditions includes 95% efficiency 2039, part 13, requirement and 6859, part 6	Limit
Conditions 2039, part 13, and 6859, part 6	Monitoring Monitoring Requirement Frequency Citation (P/C/N)
С	
Temperature monitoring	Monitoring Type
Yes	Monitoring Performed?
In Compliance	Monitoring Results

12/12/2012

S-576, HCl Storage Tank, T-122
Abated by A-87, HCl Absorber, and A85, B-102 Absorber in series, followed by A-199, Manufacturing Services Scrubber B-12 Applicable Limits and Compliance Monitoring Requirements Table VII - BA

					rate in ton/hr				
			Above	Above	where P is process weight			6-311	
In Compliance	Yes	Same as Above	Same as	Same as	4.10 P ^{0.67} lb/hr particulate,		۲	BAAQMD	FP
			Above	Above				6-310	
In Compliance	Yes	Same as Above	Same as	Same as	0.15 grain/dscf		Y	BAAQMD	FP
				17985, Part 7					
				Condition					
		concentration		85/A-199:	for < 3 min/hr			6-301	
In Compliance	Yes	Caustic	P-D	For A-87/A-	Ringelmann No. 1		٢	BAAQMD	Opacity
			(P/C/N)	Citation	Limit	Date	Ϋ́N	Limit	Limit
Results	Performed?	Type	Frequency	Requirement Frequency		Effective	FE	Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring Monitoring		Future			

Applicable Limits and Compliance Monitoring Requirements Table VII – BB

S-580, Specialty Chemicals Storage Tank, T-3A S-581, Specialty Chemicals Storage Tank, T-3B S-582, Specialty Chemicals Storage Tank, T-215 S-583, Specialty Chemicals Storage Tank, T-200

Each abated by A-140, Specialty Chemicals Pressure Storage Tanks Vapor Return System

				#3195, Part 4				#3195, Part 3	
•				Condition				Condition	
In Compliance	Yes	Recordkeeping	P/E		Vapor pressure ≤ 0.5 psia		Υ	BAAQMD	V0C
					background				
•		Inspection		8-18-401	methane) above			8-5-307	
In Compliance	Yes	Method 21	P/Q	BAAQMD	< 100 ppm (expressed as		۲	BAAQMD	VOC
Results	Performed?	Monitoring Type Performed?	(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
garronaevi	Monitoring		Frequency	Requirement		Effective	FE	CHARIOHOL	Type of
			Monitoring	Monitoring		Future		Citation of	
			-						

12/12/2012

Table VII – BC
Applicable Limits and Compliance Monitoring Requirements S-586, Recycle Styrene Storage Tank, T-371
Abated by A-42, B-368 Latex Plant Styrene Scrubber, followed by S-336 or S-389, Thermal Oxidizers

compliance period	compliance period compliance perio								
during this	during this				background				
Unit out of service	Unit out of service Unit out of service	Inspection		8-18-401	methane) above			8-5-307	
N/A	N/A	Method 21	P/Q	BAAQMD	< 100 ppm (expressed as		×	BAAQMD	VOC
Results	Performed?	M	(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
Monitoring	Monitoring	-	Monitoring Trequency	Monitoring Monitoring Requirement Frequency	,	Future FE Effective	HH	Citation of	Type of
					-				

Table VII-BD
Applicable Limits and Compliance Monitoring Requirements
S-587, Tank Truck Loading at Latex for Recycle Styrene
Abated by A-141, Vapor Balance System

thus compliance									
_	compliance period		•					_	
service during	during this				- 10,000 Burrown James			1,000	
_	Unit out of service		•	4002 Part 4	< 48 000 gallons/year			4000 Part	
	N/A	Records	P-E	Condition	Styrene/butadiene loading		۲	Condition	VOC
period							_		
	compliance period				≥ 0.5 psia				
Set Afre during	cum Surmo				× 0 5				
Comice during	during this			8-6-503	only, true vapor pressure			8-6-110	
I bit out of	Unit out of service	Kecords	1-1	ВААОМЫ	Load exempt materials		-	BAAQMD	VOC
N/A	NI/A	-	(1)(1)	Chanon	Lillin	Date		THILL.	THEFT
			E CZ	Citation		-	<u> </u>		- I
Results	Performed?	Type	Frequency	Requirement		Effective	Ŧ	Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Euture			

Applicable Limits and Compliance Monitoring Requirements
S-588, Drum Filling Station
Filling Abated by A-142, Vapor Balance System or A-177, Container Loading Vapor Balance Line, except for Table VII-BE

Lorsban 4E-HF

				T						-				Γ			-				
			VOC			•		VOC					VOC					РОС	Limit	Type of	
	6	3712, Part	Condition			S	3712, Part	Condition		•		8-6-110	BAAQMD		•		8-2-301	BAAQMD	Limit	Citation of	
			4					×					Y					~	Ϋ́N	×Ε	
																			Date	Effective	Future
< 576 drums/day	drums/12 months and	loading < 32,258	Agricultural drum		≤ 604 drums/day	gallons/12 months and	$loading \le 3,416,000$	Chlorinated solvent			pressure ≤ 0.5 psia	only, true vapor	Load exempt materials		ppm total carbon, dry	pounds/day and ≤ 300	emissions ≤ 15	Drum Cleaning	Limit		
		3712, Part 7	Condition				3712, Part 7	Condition				8-6-503	BAAQMD				3712, Part 4	Condition	Citation	Requirement	Monitoring
			P-D					P-D					P-E					P-D	(P/C/N)	Frequency	Monitoring
			Records					Records					Records				Inspection	Method 21			Monitoring Type
period	during this compliance	Unit out of service	N/A		period	during this compliance	Unit out of service	N/A		period	during this compliance	Unit out of service	N/A		period	during this compliance	Unit out of service	N/A		Performed?	Monitoring
this compliance period	service during	Unit out of	N/A	period	this compliance	service during	Unit out of	N/A	period	this compliance	service during	Unit out of	N/A	period	this compliance	service during	Unit out of	N/A		Results	Monitoring

Table VII - BF

Applicable Limits and Compliance Monitoring Requirements S-593, Plant 640 Section 1, Abated by A-146,

NMP Scrubber and A-147, Water Scrubber S-594, Plant 640 Section 2, Abated by A-147, Water Scrubber S-595, Plant 640 Section 3, Abated by A-149, Water Scrubber S-596, Plant 640 Section 4, Abated by A-147,

Water Scrubber and A-148, Water Scrubber

			Future	, ,	Monitoring	Monitoring Monitoring	Monitoring	Monitoring	Monitoring
Type of	Citation of	Ŧ	Effective	753	Requirement Frequency	Frequency	Type	Performed?	Results
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)			
РОС	BAAQMD	Υ		Emissions ≤ 15 pounds/day	Condition	P – once per	Source Test	Y&	In Compliance
	8-2-301			and ≤ 300 ppm total carbon, 4780, Part 18 permit term	4780, Part 18	permit term			
				dry					
VOC	Condition	Y	·	POC emissions for MEI	Condition	P - once per	Source Test	Υœ	In Compliance
	4780, Part i			Plant 640 shall not exceed ≤ 4780, Part 18 permit term	4780, Part 18	permit term			
				8 pounds/day					
VOC	Condition	۲		Railcar shipments ≤ 330	Condition	P-E	Records	Yes	In Compliance
	4780, Part			cars/year	4780, Part 16				
	11								

Applicable Limits and Compliance Monitoring Requirements
S-604, Tank Truck Loading Facility Plant 640
Abated by A-157, Vapor Return for Truck Loading Facility – Vapor Balance Table VII-BG

			Future		Monitoring	Monitoring	Monitoring	Monitoring	Monitoring
Type of	Citation of KE	RE	Effective		Requirement	Frequency	Type	Performed?	Results
Limit	Limit	Ϋ́N	Date	Limit	Citation	(P/C/N)			
VOC	BAAQMD	Υ		Load exempt materials	BAAQMD	P-E	Records	Yes	In Compliance
	8-6-110			only, true vapor	8-6-503				
				pressure ≤ 0.5 psia					
VOC	Condition	Υ		No detectable	See	See	See	See Components	See Components
	4780, Part			emissions from tank	Components	Components	Components	Table	Table
	6			truck loading < 100	Table	Table	Table		
				ppm organic as					
				methane measured					
				1cm from source	,				

Facility Name: Dow Chemical Company Permit for Facility #: A0031

Abated by A-161, Sorbathene for Acetone Truck Loading - Activated Carbon Adsorption Applicable Limits and Compliance Monitoring Requirements S-609, Acetone Truck Loading Rack Table VII - BH

					
POC	VOC	VOC	Voc	VOC	Type of Limit
Condition 5180, Part 3	Condition 5180, Part 2	BAAQMD 8-6-305, 8-6-306	8-6-302.2	BAAQMD 8-6-302.1	Citation of Limit
×	Y	Y	≺	٧	N/A BE
					Future Effective Date
Abated POC emissions ≤ 0.35 pounds/1000 gallons loaded	Capture efficiency ≥ 95% wt	Vapor tight, leak free, good working order	Loading into delivery vehicle or transportable container: Submerged fill pipe, bottom filling, or vapor loss control system with emissions < 0.35 pounds/1000 gallons loaded	Loading into delivery vehicle: Vapor balance or vapor loss control system with emissions < 0.35 pounds/1000 gallons loaded	Limit
Condition 5180, Part 6	Condition 5180, Part 6	Condition 5180, Part 7	Condition 5180, Part 6	Condition 5180, Part 6	Monitoring Requirement Citation
P-E	P-E	P -ਜ਼	ים. הו	P-::	Monitoring Frequency (P/C/N)
Temperature monitoring	Temperature monitoring	Inspection	Temperature monitoring	Temperature monitoring	Monitoring Type
Unit out of service during this compliance period	N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period	Unit out of service during this compliance period	N/A Unit out of service during this compliance period	Monitoring Performed?
N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period	Unit out of service during this compliance period	N/A Unit out of service during this compliance period	Monitoring Results

Page 76 of 124

Table VII - BI
Applicable Limits and Compliance Monitoring Requirements
S-620, HCL Truck Loading Operation
Abated by A-165, HCl Truck Loading Scrubber System

			Future		Monitoring	Monitoring	Monitoring	Monitoring	Monitoring
Type of	Citation of	HE	Effective	3. 2.	Requirement Frequency	Frequency	Type	Performed?	Results
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)			
Opacity	BAAQMD	٢		Ringelmann No. 1	Condition	P-E	Visual Check	Yes	In Compliance
	6-301			for < 3 min/hr	#4945, Parts 2				
					& 3				
FP	BAAQMD	≺		0.15 grain/dscf	None	Z	N/A	N/A	N/A
	6-310								
FP	BAAQMD	*	·	4.10 P 0.67 lb/hr particulate,	None	z	N/A	N/A	N/A
	6-311			where P is process weight					
				rate in ton/hr					
HCl	Subpart	4		Monitoring equipment	None	P- semi-	N/A	Yes	In Compliance
•	NNNNN			calibrated according to site-		annual			
	63.9005(d);			specific monitoring plan					
	63.9040(c)								

12/12/2012

Table VII - BJ
Applicable Limits and Compliance Monitoring Requirements
S-631, Portable Resin Dryer D-203C
Abated by S-336, Manufacturing Services Thermal Oxidizer

Table VII - BK
Applicable Limits and Compliance Monitoring Requirements
S-633, Water Treatment Carbon Bed Regeneration
Abated by S-336 or S-389, Thermal Oxidizers

			Table	Table					
		Table	Component	Component				5722, Part 1	
See Component	See Component	See Component	88 88	See	No detectable emissions		Υ	Condition	VOC
				2039, Part 13					
				Condition	C02				
				Part 6,	organic carbon oxidized to				
		monitors		6859,	weight and ≥ 90% of			8-1-110.3	
In Compliance	Yes	Temperature	С	Condition	VOC abated ≥ 85% by		×	BAAQMD	voc
			(P/C/N)	Citation	Limit	Date	Ϋ́N	Limit	Limit
Results	Performed?		Frequency	Requirement.		Effective	FE	Citation of	Type of
Monitoring	Monitoring	Monitoring Type	Monitoring Monitoring	Monitoring		Future			

Table VII -- BL
Applicable Limits and Compliance Monitoring Requirements
S-638, Truck Mounted Bulk Transportable Pressure Tank X-205

VOC							VOC	Limit	Type of	
BAAQMD 8-6-302.1						8-5-307	BAAQMD	Limit	Citation of	
У							ү	NA	FE	
								Date	Future Effective	
Equipped with vapor balance or vapor loss control system; emissions ≤ 0.35 lbs/1000 gallons					background	methane) above	< 100 ppm (expressed as	Limit	.*	•
None						3712, Part 8		Citation	Monitoring Requirement	
Z							P-Q or event	(P/C/N)	Monitoring Frequency	
N/A							Method 21	Monitoring Type		
N/A	period	the monitoring	Pittsburg site during	present at the	tank has not been	The transportable	N/A	Performed?	Monitoring	
N/A	monitoring period	during the	Pittsburg site	present at the	tank has not been	The transportable	N/A	Results	Monitoring	

Table VII – BM

Applicable Limits and Compliance Monitoring Requirements S-641, Groundwater Treatment Plant Decant Tank, T-440

Abated by S-336 or S-389, Thermal Oxidizers

					tank)				
					(when operated as pressure				_
					background				
		Inspection		8-18-401	methane) above			8-5-307	
In Compliance	Υœ	Method 21	P/Q	BAAQMD	< 100 ppm (expressed as		Υ	BAAQMD	70V
				6	control system)				
				and 6859, part	operated with emission				
				2039, part 13,	requirement (when				
		monitoring		Conditions	includes 95% efficiency			8-5-306	
In Compliance	Υœ	Temperature	С	BAAQMD	Control device standards;		~	BAAQMD	VOC
Results	Performed?	Monitoring Type	(P/C/N)	Citation	Limit	Date	ΥN	Limit	Limit
Monitoring	Monitoring		Monitoring Frequency	Monitoring Requirement		Future Effective	E	Citation of	Type of
		-							
		*		T					

S-644, Hydrochloric Acid Storage Tank, T-34A S-645, Hydrochloric Acid Storage Tank, T-34B Both abated by A-179, X-39/B-39 Scrubber System or S-336, Manufacturing Services Thermal Oxidizer Applicable Limits and Compliance Monitoring Requirements Table VII - BN

					,					
	HCI				FP		FP		Opacity	Type of Limit
7775 Part 1	BAAQMD Condition #			6-311	BAAQMD	6-310	BAAQMD	6-301	BAAQMD	Citation of Limit
	Υ				У		A		Y	Y/N
										Future Effective Date
gallons/12 months	Combined throughput of	ton/hr	process weight rate in	particulate, where P is	4.10 P ^{0.67} lb/hr		0.15 grain/dscf	for < 3 min/hr	Ringelmann No. 1	Limit
7775 Part 5	BAAQMD Condition #				None		None		None	Monitoring Requirement Citation
	P/M				Z		z		z	Monitoring Frequency (P/C/N)
	Records				N/A		N/A		N/A	Monitoring Type
	Yes				N/A		N/A		N/A	Monitoring Performed?
	In Compliance				N/A		N/A		N/A	Monitoring Results

12/12/2012

Table VII - BO

Applicable Limits and Compliance Monitoring Requirements
S-646, 36% HCl Tank Truck Loading Operation

Line - Vapor F

Abated by A-180, HCl Tank Truck Loading Vapor Return Line - Vapor Balance to A-179, X-39/B-39 Scrubber System or S-644, T-34A 36% HCl Storage Tank or S-645, T-34B 36% HCl Storage Tank or S-336, **Manufacturing Services Thermal Oxidizer**

				7775, Part 5	3,000,000 gallons/12 months 7775, Part 5			7775, Part 3	
In Compliance	Yes	Records	P-M	Condition	Throughput of 36% HCl≤		У	Condition	PM
					rate in ton/hr				
					where P is process weight			6-311	
N/A	N/A	N/A	Z	None	4.10 P ^{0.67} lb/hr particulate,		Υ	BAAQMD	FP
								6-310	
N/A	N/A	N/A	z	None	0.15 grain/dscf		У	BAAQMD	FP
					for < 3 min/hr			6-301	
N/A	N/A	N/A	z	None	Ringelmann No. 1		Υ	BAAQMD	Opacity
			(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
Results	Performed?	-	Frequency	Requirement Frequency		Effective	FE	Citation of	Type of
Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring		Future			

Table VII - BP
Applicable Limits and Compliance Monitoring Requirements S-647, Catalytic Hydrogen Chloride Plant Followed by S-648, Hydrogen Chloride Absorber E-277 Vents Abated by A-181, B-278 Packed Bed Column, Followed by A-182, B-279 Packed Bed Column, Followed by A-184, ME 290 A/B Carbon Beds, or S-336, Manufacturing Services Thermal Oxidizer

					ppm				
			•		carbon bed exhaust ≥ 10			12	
		Inspection		Part 12	thermal oxidizer if final			8894, Part	
In Compliance	Yes	Method 21	P-D	Condition 8894,	Shutdown or vent to		~	Condition	VOC
					organic ≥ 10 ppm			11	
		Inspection		Part 11	bed within 72 hours of			8894, Part	
In Compliance	Yes	Method 21	P-D	Condition 8894,	Changeout of first carbon		Υ	Condition	VOC
				Part 6					
		monitor		Condition 6859,					
In Compliance	Yes	Temperature	For S-336: C	For S-336:		-			
				Parts 11 & 12	carbon, dry			•	
		Inspection	P-D	Condition 8894,	and ≤ 300 ppm total			8-2-301	
In Compliance	Yes	Method 21	For A-184:	For A-184:	Emissions ≤ 15 pounds/day		۲	BAAQMD	POC
			(P/C/N)	Citation	Limit	Date	Υ/N	Limit	Limit
Results	Performed?		Frequency	Requirement		Effective	FE	Citation of	of.
Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring		Future			Type

Table VII - BQ
Applicable Limits and Compliance Monitoring Requirements
S-648, Hydrogen Chloride Absorber, E-277
Abated by A-181, B-278 Packed Bed Column,
Followed by A-182, B-279 Packed Bed Column,
Followed by A-184, ME 290 A/B Carbon Beds or
S-336, Manufacturing Services Thermal Oxidizer

			Future		Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring
Type of	Citation of	FE	Effective	-	Requirement	Frequency		Performed?	Results
Limit	Limit	Υ'N	Date	Limit	Citation	(P/C/N)	,		
Opacity	BAAQMD	۲		Ringelmann No. 1	None	Z	N/A	N/A	N/A
	6-301			for < 3 min/hr					
FP	BAAQMD	γ		0.15 grain/dscf	None	z	N/A	N/A	N/A
	6-310								
FP	BAAQMD	Α		4.10 P 0.67 lb/hr particulate,	None	z	N/A	N/A	N/A
	6-311			where P is process weight					
				rate in ton/hr					
VOC	Condition	Υ	·	Changeout of first carbon	Condition	P-D	Portable	Yes	In Compliance
	8894, Part			bed within 72 hours of	8894, Part 11		hydrocarbon		
	11			organic≥ 10 ppm			detector		
VOC	Condition	Υ		Shutdown or vent to	Condition	P-D	Portable	Yes	In Compliance
	8894, Part			thermal oxidizer if final	8894, Part 11		hydrocarbon		
	12			carbon bed exhaust ≥ 10			detector		
				ppm					
VOC	Condition	Υ		POC emissions ≤ 292	Condition	P-M	Records,	Yes	In Compliance
	8894, Part			lbs/12 months and HCl	8894, Part 14		Calculations		
	13	<u>-</u>		emissions ≤ 730 lbs/12					
				months					

Table VII – BR
Applicable Limits and Compliance Monitoring Requirements
S-649, 36% Hydrogen Chloride Acid Storage Tank, V-277

Abated by A-181, B-278 Packed Bed Column, followed by A-182, B-279 Packed Bed Column, followed by A-184, ME 290A/B Carbon Beds, or S-336, Manufacturing Services Thermal Oxidizer

	<u></u>	6-311	FP BAAQMD	6-310	FP BAAQMD	6-301	Opacity BAAQMD	Type of Citation of Limit
			D Y		У		D Y	of FE
								Future Effective Date
ton/hr	process weight rate in	particulate, where P is	4.10 P ^{0.67} lb/hr		0.15 grain/dscf	for < 3 min/hr	Ringelmann No. 1	Limit
			None		None		None	Monitoring Requirement Citation
			Z		Z		Z	Monitoring Frequency (P/C/N)
			N/A		N/A		N/A	Monitoring Type
			N/A		N/A		N/A	Monitoring Performed?
			N/A		N/A		N/A	Monitoring Results

Table VII – BS

Applicable Limits and Compliance Monitoring Requirements S-650, 36% Hydrogen Chloride Acid Storage Tank, V-280A S-651, 36% Hydrogen Chloride Acid Storage Tank, V-280B S-652, 36% Hydrogen Chloride Acid Storage Tank, V-280C

Abated by A-181, B-278 Packed Bed Column, followed by A-182, B-279 Packed Bed Column, followed by A-184, ME 290A/B Carbon Beds or S-336, Manufacturing Services Thermal Oxidizer

Future Effective Date Limit Limit Monitoring Requirement Requirement (P/C/N) Monitoring Frequency (P/C/N) Monitoring Monitoring (P/C/N) Mo	Limit Citation Ringelmann No. 1 None N 0.15 grain/dscf None 4.10 P 0.67 lb/hr None N Monitoring Requirement Citation Citation None N None N None N
Monitoring Frequency (P/C/N) N	Monitoring Frequency (P/C/N) N N N N/A
	Type N/A N/A
Monitoring Type N/A N/A	
	Monitoring Performed? N/A N/A

Table VII-BT
Applicable Limits and Compliance Monitoring Requirements
S-654, Abrasive Blasting Operation
Abated by A-185, Eagle Containment Screens

			Future	-	Monitoring	Monitoring	Monitoring	Monitoring	Monitoring
Type of	Citation of	FE.	Effective		Requireme	Frequency	Type	Performed?	Results
Limit	Limit	XX	Date	Limit	nt Citation	(P/C/N)			
Opacity	BAAQMD	~		Confined: Ringelmann No.	Condition	P-W	Inspection	Yes	In Compliance
	6-301			1 for < 3 min/hr	8591, Part 5				
FP	BAAQMD	۲		Confined: 4.10 P 0.67 lb/hr,	None	z	N/A	N/A	N/A
	6-311			where P is process weight rate					
				in ton/hr					
Opacity	BAAQMD	z		Unconfined: Ringelmann	None	z	N/A	N/A	N/A
	12-4-301			No. 1, unless comply with					
				12-4-303 though 12-4-309					
Opacity	SIP	٢		Unconfined: Ringelmann	None	Z	N/A	N/A	N/A
	12-4-301			No. 1					
Opacity	BAAQMD	~		Unconfined: Ringelmann	None	Z	N/A	N/A	N/A
	12-4-302			No. 2, if comply with 12-4-					
		ļ		303 though 12-4-309					
PM	BAAQMD	۲		Operating requirements for	Condition	P-E	Records	Yes	In Compliance
	12-4-303,			or pavement marking	8591, Part 3				
	304			removal and preparation, and	•				
				blasting other than in 12-4-					
				303 or 12-4-305 through 309					
PM	BAAQMD	Υ		Before blasting: abrasives	Condition	P-E	Records	Yes	In Compliance
	12-4-305.1			for dry unconfined blasting,	8591, Parts				
				including re-used certified	3 & 4				
				abrasives, ≤ 1% wt #70 US					
				Standard sieve material					

Table VII-BT
Applicable Limits and Compliance Monitoring Requirements
S-654, Abrasive Blasting Operation
Abated by A-185, Eagle Containment Screens

Limit After blasting: abrasives fo dry unconfined blasting, excluding reused certified abrasives, \(\leq 1.8\% \) wt 5 micron or smaller material brasives for unconfined drollasting must be certified	Limit After blasting: abrasives for dry unconfined blasting, abrasives, ≤ 1.8% wt 5 micron or smaller material Abrasives for unconfined dry Monitoring Requireme nt Citation Name as Above excluding reused certified abrasives, ≤ 1.8% wt 5 micron or smaller material Abrasives for unconfined dry Condition 8591, Parts	
	Citation Citation Same as Above Above Condition Ondition 3, 4	
	Type Same as Above Records	
Type Same as Above Records		Monitoring Performed? Yes Yes

Table VII - BU

Applicable Limits and Compliance Monitoring Requirements S-662, Storage Tank, T-243
S-663, Storage Tank, T-242
S-664, Storage Tank, T-244

Abated by A-192, Vent Recovery System, S-336, Manufacturing Services Thermal Oxidizer, S-389, Sym-Tet Thermal Oxidizer, or Pressure Valve Setting

VOC	Type of Limit
BAAQMD 8-5-307	Citation of Limit
Å	Y.E
	Future Effective Date
< 100 ppm (expressed as methane) above background	Limit
BAAQMD 8-18-401	≒ ac
P/Q	Monitoring Frequency (P/C/N)
Method 21 Inspection	
Yes	Monitoring Performed?
In Compliance	Monitoring Results

Table VII – BV

Applicable Limits and Compliance Monitoring Requirements
S-675, Carbon Tetrachloride Railcar Storage Tank

		·			 1
VOC	VOC	VOC	VOC	VOC	Type of Limit
BAAQMD Condition # 13335 Part 2	BAAQMD Condition # 13335 Part 1	BAAQMD 8-5-328.1.2	BAAQMD 8-5-328.1.1	BAAQMD 8-5-307	Citation of
4	Y	Υ	Y	Å	N/A A.J
					Future Effective Date
Unloading Events ≤ 5	Carbon tetrachloride <a> 5,669 gallons (74,720 lbs) during any consecutive twelve-month period	Concentration of < 10,000 ppm as methane after cleaning	Tank cleaning control by liquid balancing in which the resulting organic liquid has a TVP less than 0.5 psia	< 100 ppm (expressed as methane) above background	Limit
BAAQMD Condition # 13335 Part 3	BAAQMD Condition # 13335 Part 3	BAAQMD 8-5-503	BAAQMD 8-5-501	BAAQMD 8-18-401	Monitoring Requirement Citation
P/E	P/E	P/E	P/E	P/Q	Monitoring Frequency (P/C/N)
Records	Records	Portable hydrocarbon detector	Records	Method 21 Inspection	Monitoring Type
N/A Unit out of service Unit out of service during this during this compliance period compliance period	N/A Unit out of service Unit out of service during this compliance period compliance period	N/A Unit out of service Unit out of service during this compliance period compliance period	N/A Unit out of service Unit out of service during this during this compliance period	N/A Unit out of service Unit out of service during this compliance period compliance period	Monitoring Performed?
N/A Unit out of servic during this compliance perio	N/A Unit out of service during this compliance perior	N/A Unit out of service during this compliance perior	N/A Unit out of service during this compliance perior	N/A Unit out of service during this compliance perior	Monitoring Results

Table VII – BW
Applicable Limits and Compliance Monitoring Requirements
S-680, Pressure Tank, T-440

Š	VOC			VOC				VOC		•	VOC	-				VOC			VOC	Limit	Type of		
Condition # 14354 Part 2	BAAOMD	14354 Part 1	Condition #	BAAOMD			8-6-304	BAAQMD		8-5-328.1.2	BAAQMD				8-5-328.1	BAAQMD		8-5-307	BAAQMD	Limit	CHARROLLO		
	۲			Υ				Y			۲	_				۲			Υ	XX	FΕ		
																				Date	Effective	Future	
Cilionani Province	Unloading Events < 5	during any consecutive twelve-month period	5,669 gallons (74,720 lbs)	Carbon tetrachloride_<	≤ 0.17 lbs/1000 gallons	control system, emissions	balance or vapor loss	Equipped with vapor	cleaning	ppm as methane after	Concentration of < 10,000	psia	has a TVP less than 0.5	the resulting organic liquid	liquid balancing in which	Tank cleaning control by	background	methane) above	< 100 ppm (expressed as	Limit		-	
Condition # 14354 Part 3	BAAOMD	14354 Part 3	Condition #	BAAQMD				None		8-5-503	BAAQMD				8-5-501	BAAQMD		8-18-401	BAAQMD	Citation	Requirement	Monitoring	
ì	P/E			P/E				Z			P/E					P/E			P/Q	(P/C/N)	Frequency	Monitoring	
	Records		-	Records				N/A	detector	hydrocarbon	Portable					Records		Inspection	Method 21	Туре	Monitoring	**	. "
5	Yes			Yes				N/A			Yes					Yes			Yes	Performed?	Monitoring		
in Computation	In Compliance			In Compliance				N/A			In Compliance					In Compliance			In Compliance	Results	SITTEROTOR		-

Abated by A-191, Carbon Tetrachloride Tank Truck Loading Vapor Return Line - Vapor Balance Applicable Limits and Compliance Monitoring Requirements S-681, Truck Transfer Table VII - BX

								8-6-306	
period	period	Inspection		14354, Part 5	working order			8-6-305,	
No loading this	No loading this	Method 21	P-E	Condition	Vapor tight, leak free, good		Y	BAAQMD	VOC
					pounds/1000 gallons loaded				
					emissions < 0.17				
					control system with				
					Vapor balance or vapor loss				
period	period	Inspection		14354, Part 5	(2,008 to 39,630 gallons):			8-6-304	
No loading this	No loading this	Method 21	P-E	Condition	Loading into storage tank		Y	BAAQMD	VOC
					pounds/1000 gallons loaded				
					with emissions < 0.35				
					vapor loss control system				
					pipe, bottom filling, or				
					container: Submerged fill				
period	period	Inspection		14354, Part 5	vehicle or transportable			8-6-302.2	
No loading this	No loading this	Method 21	P-E	Condition	Loading into delivery		4	BAAQMD	VOC
					pounds/1000 gallons loaded				
					with emissions < 0.35				
					vapor loss control system				
period	period	Inspection		14354, Part 5	vehicle: Vapor balance or			8-6-302.1	
No loading this	No loading this	Method 21	P-E	Condition	Loading into delivery		Υ	BAAQMD	VOC
			(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
Results	Performed?	Type	Frequency	Requirement		Effective	FE	Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			

Table VII - BY
Applicable Limits and Compliance Monitoring Requirements S-682, Groundwater Treatment Plant Air Stripper
Abated by S-336 or S-389, Thermal Oxidizers

Type of Clation of FE Effective Limit Cutation (PC/N) Limit V/N Date Limit Condition C Genderory VOC BAAQMD Y Operations with emit Condition C Genderory 8-47-301 Separation of FE Effective Condition C Genderory 8-47-301 Separation Condition C Genderory 8-47-301 Separation Condition C Genderory Part 6, Condition C Temperature perchloroethylene chloride, or Condition methylene chloride, or Condition crichloroethylene shall be about condition or Light with no detectable Component Component Component Genderory VOC Condition Y Groundwater treated Component Component Table 14722, Part Sparation S				Future	· · · · · · · · · · · · · · · · · · ·	Monitoring	Monitoring	Monitoring	Monitoring	ring
Limit Y/N Date Limit Citation (P/C/N) BAAQMD Y Operations with emit benzene, vinyl chloride, perchloroethylene, methylene chloride, or crichloroethylene shall be abated ≥ 90% by weight Condition condition C Temperature Condition Y All piping shall be vapor tight with no detectable organic emissions See See Component Component See Component Condition Y Groundwater treated ≤ 52,560,000 gallons/12 Condition 14722, Part 5 P-M Records 14722, Part Y VOC fed to stripper ≤ 52,560 pounds/12 months Condition 14722, Part 5 P-M Sampling, calculation 14722, Part Y Carbon tetrachloride concentration in Condition 14722, Part 5 P-M or more calculation Sampling and Condition 14722, Part Y Carbon tetrachloride concentration in Condition 14722, Part 5 P-M or more frequent Sampling and Condition 14722, Part Groundwater ≤ 105 ppmw P-M or more analysis, &	Type of	Citation of	F	Effective		Requirement	Frequency	Туре	Performed?	Results
BAAQMD Y Operations with emit 8-47-301 BAAQMD Y benzene, vinyl chloride, 6859, perchloroethylene, methylene chloride, or condition richloroethylene shall be abated ≥ 90% by weight Condition Y All piping shall be vapov tight with no detectable organic emissions Component 14722, Part Condition Y Groundwater treated ≤ Condition 14722, Part Condition Y VOC fed to stripper ≤ Condition 14722, Part Condition Y Condition P-M Sampling, and calculation 14722, Part 5 frequent analysis, & groundwater ≤ 105 ppmw	Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	. "	-	
8-47-301 benzene, vinyl chloride, perchloroethylene, perchloroethylene, methylene chloride, or condition rrichloroethylene shall be abated ≥ 90% by weight Condition Y All piping shall be vapor 14722, Part 13 Condition Y Groundwater treated ≤ Component Component 14722, Part 2 S2,560,000 gallons/12 14722, Part 5 Table Condition Y VOC fed to stripper ≤ Condition 14722, Part 5 S2,560 pounds/12 months Condition Y Carbon tetrachloride concentration in groundwater ≤ Condition P-M Sampling, analysis, & groundwater ≤ Condition P-M or more Sampling and P-M or more Sampl	VOC	BAAQMD	Υ		Operations with emit	Condition	C	Temperature	N/A	
perchloroethylene, methylene chloride, or condition richloroethylene shall be abaced ≥ 90% by weight Condition Y All piping shall be vapor 14722, Part 1 Condition Y Groundwater treated ≤ Component 14722, Part 2 Condition Y Condition Y Condition Y Condition Y Condition 14722, Part Condition Y Carbon tetrachloride Condition P-M or more Sampling, and concentration in groundwater ≤ 105 ppmw		8-47-301			benzene, vinyl chloride,	6859,		monitor	Unit out of	
methylene chloride, or condition richloroethylene shall be abated ≥ 90% by weight Condition Y All piping shall be vapor See 14722, Part 1 Condition Y Groundwater treated ≤ Condition 14722, Part 2 Condition Y Carbon tetrachloride Condition P-M Sampling, analysis, & calculation 14722, Part 5 Frequent analysis groundwater ≤ 105 ppmw					perchloroethylene,	Part 6,			service during	this compliance
trichloroethylene shall be abatod ≥ 90% by weight Condition Y All piping shall be vapor See See Component 14722, Part tight with no detectable organic emissions Condition Y Groundwater treated ≤ Condition P-M Records 14722, Part S 52,560,000 gallons/12 14722, Part S 52,560 pounds/12 months Condition Y VOC fed to stripper ≤ Condition P-M Sampling, 14722, Part S 52,560 pounds/12 months Condition Y Carbon tetrachloride Condition P-M or more Sampling and concentration in groundwater ≤ 105 ppmw					methylene chloride, or	Condition			compliance	-
Condition Y All piping shall be vapor See See Component 14722, Part 1 tight with no detectable organic emissions Table Condition Y Groundwater treated ≤ Condition P-M Records 14722, Part 2 S2,560,000 gallons/12 14722, Part 5 Condition Y VOC fed to stripper ≤ Condition P-M Sampling, 14722, Part 5 S2,560 pounds/12 months 14722, Part 5 Carbon tetraehloride Condition P-M or more Sampling and concentration in groundwater ≤ 105 ppmw					trichloroethylene shall be	2039, Part 13			period	
Condition Y All piping shall be vapor See See See Component Table 14722, Part 1 right with no detectable Component Component Table Table Condition Y Groundwater treated ≤ 52,560,000 gallons/12 Condition P-M Records 14722, Part 5 S2,560,000 gallons/12 14722, Part 5 P-M Sampling, analysis, & calculation Condition Y VOC fed to stripper ≤ 52,560 pounds/12 months Condition P-M or more Sampling and concentration in groundwater ≤ 105 ppmw					abated ≥ 90% by weight					
tight with no detectable 14722, Part	VOC	Condition	γ		All piping shall be vapor	See	Sæ	See Component	N/A	
Condition Y Groundwater treated ≤ Condition P-M Records 14722, Part 5 52,560,000 gallons/12 14722, Part 5 Condition Y VOC fed to stripper ≤ Condition P-M Sampling, 14722, Part 5 52,560 pounds/12 months 14722, Part 5 calculation 3 Condition Y Carbon tetrachloride Condition P-M or more Sampling and concentration in groundwater ≤ 105 ppmw		14722. Part			tight with no detectable	Component	Component	Table	Unit out of	
Condition Y Groundwater treated ≤ Condition P-M Records 14722, Part 2 52,560,000 gallons/12 14722, Part 5 Condition Y VOC fed to stripper ≤ Condition P-M Sampling, 14722, Part 3 52,560 pounds/12 months 14722, Part 5 Condition Y Carbon tetrachloride Condition P-M or more Sampling and concentration in 14722, Part 5 frequent analysis 4 Condition Y Carbon tetrachloride groundwater ≤ 105 ppmw		1				Table	7.5	:	service during	service during
Condition Y Groundwater treated ≤ 52,560,000 gallons/12 Condition 14722, Part 5 P-M Records Records 14722, Part 5 14722, Part Y VOC fed to stripper ≤ 14722, Part 5 Condition P-M Sampling, analysis, & calculation 14722, Part S2,560 pounds/12 months 14722, Part 5 analysis, & calculation Condition Y Carbon tetrachloride concentration in groundwater ≤ 105 ppmw Condition P-M or more paneling and analysis		-			organic emissions	Table	12016		this	this compliance
Condition Y Groundwater treated ≤ 52,560,000 gallons/12 Condition 14722, Part 5 P-M Records 2 months 14722, Part 5 14722, Part 5 Sampling, analysis, & calculation Condition Y VOC fed to stripper ≤ 52,560 pounds/12 months Condition 14722, Part 5 P-M Sampling, analysis, & calculation Condition Y Carbon tetrachloride concentration in groundwater ≤ 105 ppmw Condition 14722, Part 5 Frequent frequent analysis									compliance	
Condition Y Groundwater treated ≤ 52,560,000 gallons/12 Condition P-M Records 14722, Part 2 14722, Part 5 14722, Part 5 14722, Part 5 Condition P-M Sampling, analysis, & calculation 14722, Part 3 52,560 pounds/12 months 14722, Part 5 manalysis, & calculation Condition Y Carbon tetrachloride concentration in groundwater ≤ 105 ppmw Condition P-M or more sampling and 14722, Part 5 frequent analysis									period	
14722, Part 5 Condition Y VOC fed to stripper ≤ Condition P-M Sampling, 14722, Part 5 Condition Y Condition P-M calculation 3 Condition Y Carbon tetrachloride Condition P-M or more Sampling and concentration in groundwater ≤ 105 ppmw 14722, Part 5 Condition P-M or more Sampling and concentration in groundwater ≤ 105 ppmw	VOC	Condition	×		Groundwater treated ≤	Condition	P-M	Records	N/A	
Condition Y VOC fed to stripper ≤ Condition P-M Sampling, 14722, Part 3 52,560 pounds/12 months 14722, Part 5 analysis, & calculation Condition Y Carbon tetrachloride Condition P-M or more Sampling and concentration in 14722, Part 5 frequent analysis 4 groundwater ≤ 105 ppmw		14722, Part			52,560,000 gallons/12	14722, Part 5			Unit out of	Unit out of
Condition Y VOC fed to stripper ≤ Condition P-M Sampling, 14722, Part 5		<u>ن</u>			months	,			service during	service during
Condition Y VOC fed to stripper ≤ 14722, Part 5 Condition P-M Sampling, analysis, & calculation 3 52,560 pounds/12 months 14722, Part 5 analysis, & calculation Condition Y Carbon tetrachloride concentration in 14722, Part 5 P-M or more frequent analysis 4 groundwater ≤ 105 ppmw		٨			CITOTICIE				this	this compliance
Condition Y VOC fed to stripper ≤ Condition P-M Sampling, analysis, & calculation 14722, Part 52,560 pounds/12 months 14722, Part 5 4 Condition P-M analysis, & calculation Condition Y Carbon tetrachloride Condition P-M or more Sampling and analysis 14722, Part Condition 14722, Part 5 frequent analysis									compliance	
Condition Y VOC fed to stripper ≤ 52,560 pounds/12 months Condition P-M Sampling, analysis, & calculation 3 3 52,560 pounds/12 months 14722, Part 5 tanalysis, & calculation Condition Y Carbon tetrachloride concentration in 14722, Part 5 Condition frequent frequent analysis 4 groundwater ≤ 105 ppmw 14722, Part 5 frequent frequent analysis									period	
14722, Part 5 2,560 pounds/12 months 14722, Part 5 analysis, & calculation Condition Y Carbon tetrachloride Condition P-M or more Sampling and concentration in groundwater ≤ 105 ppmw groundwater ≤ 105 ppmw 14722, Part 5 frequent analysis	VOC	Condition	~		VOC fed to stripper ≤	Condition	P-M	Sampling,	N/A	
Condition Y Carbon tetrachloride Condition P-M or more Sampling and concentration in 14722, Part 5 frequent analysis 4 groundwater ≤ 105 ppmw		14722, Part			52,560 pounds/12 months	14722, Part 5		analysis, &	Unit out of	Unit out of
Condition Y Carbon tetrachloride Condition P-M or more Sampling and 14722, Part concentration in 14722, Part 5 frequent analysis groundwater ≤ 105 ppmw		w,			,			calculation	service during	service during
Condition Y Carbon tetrachloride Condition P-M or more Sampling and 14722, Part concentration in 14722, Part 5 frequent analysis 4 groundwater ≤ 105 ppmw	•	t							this	this compliance
Condition Y Carbon tetrachloride Condition P-M or more Sampling and 14722, Part concentration in 14722, Part 5 frequent analysis 4 groundwater ≤ 105 ppmw									compliance	
Condition Y Carbon tetrachloride Condition P-M or more Sampling and 14722, Part concentration in 14722, Part 5 frequent analysis 4 groundwater ≤ 105 ppmw									period	
14722, Part concentration in 14722, Part 5 frequent analysis 4 groundwater ≤ 105 ppmw	VOC	Condition	×		Carbon tetrachloride	Condition	P-M or more	Sampling and	N/A	
groundwater ≤ 105 ppmw		14722 Part			concentration in	14722 Part 5	frequent	analysis	Unit out of	Unit out of
		, , , , , , , , , , , , , , , , , , ,							service during	service during
		ŧ			groundwater \section 100 ppillw				this	this compliance
									compliance	
									period	

Table VII – BZ

Applicable Limits and Compliance Monitoring Requirements
S-683, Storage Vessel, D-110A

		···	
VOC	VOC	VOC	Type of Limit
BAAQMD Condition # 15372 Part 5	BAAQMD Condition # 15372 Part 3	BAAQMD 8-5-307	Citation of Limit
MD HT 5	MD m# art 3	J D	
Υ	۲	۲	SE SE
			Future Effective Date
Vapor pressure of materials stored ≤ 0.5 psia as measured at 25 degrees C	Acrylic acid throughput ≤ 585,000 gallons during any consecutive twelve-month period	< 100 ppm (expressed as methane) above background	Limit
BAAQMD Condition # 15372 Part 4	BAAQMD Condition # 15372 Part 4	BAAQMD 8-18-401	Monitoring Requirement Citation
P/M	P/M	P/Q	Monitoring Frequency (P/C/N)
Records	Records	Method 21 Inspection	Monitoring Type
N/A Unit out of service during this compliance period compliance period	N/A Unit out of service Unit out of service during this compliance period during this	N/A Unit out of service Unit out of service during this during this compliance period compliance period	Monitoring Performed?
N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period	Monitoring Results

Table VII - CA
Applicable Limits and Compliance Monitoring Requirements
S-684, Dowicil Packaging System
Abated by A-193, Cartridge Dust Collector System

								_	
				15944, Part 4	2.3 lbs/12 months			15944, Part	
In Compliance	Yes	Records	P-M	Condition	Abated PM10 emissions ≤		¥	Condition	PM
					rate in ton/hr				
				15944, Part 3	where P is process weight 15944, Part 3			6-311	
In Compliance	Yes	Backpressure	P-W	Condition	4.10 P ^{0.67} lb/hr particulate,		Υ	BAAQMD	FP
				15944, Part 3				6-310	
In Compliance	Yes	Backpressure	P-W	Condition	0.15 grain/dscf		Y	BAAQMD	FP
					for < 3 min/hr			6-301	
N/A	Ζ/Ά	N/A	z	None	Ringelmann No. 1		Y	BAAQMD	Opacity
			(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
Results	Performed?		Frequency	Requirement		Effective	FE	Citation of	Type of
Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring		Future			
			***************************************						j

Table VII - CB
Applicable Limits and Compliance Monitoring Requirements S-693, Distillation System
Abated by A-194, X-600 Venturi and A-195, B-615 Scrubber

								Part 3	
		rate		15932, Part 8	rate ≥ 17 gal/minute			15932,	rate
In Compliance	Yes	Caustic circulation	P-W	Condition	Alkali solution circulation			Condition	Circulation
					56.9 lbs/12 months			Part 1	
				15932, Part 8	from S-693 and S-694 <			15932,	•
In Compliance	Yes	Records	P-W	Condition	Combined POC emissions		×	Condition	VOC
criteria					4.6 psig				
8-10-301	10-301 criteria		•		organic partial pressure <				
S-693 meet the	693 meet the 8-				contained/treated until				
No vessels in	No vessels in S-		•	21060	recovered/combusted or			8-10-301	
N/A	N/A	Records	P-E	Condition	Vessel depressurization		~	BAAQMD	POC
					dry				
		гате		15932, Part 8	and ≤ 300 ppm total carbon,			8-2-301	
In Compliance	Υœ	Caustic circulation	P_W	Condition	Emissions ≤ 15 pounds/day		~	BAAQMD	РОС
					rate in ton/hr				
		rate		15932, Part 8	where P is process weight			6-311	
In Compliance	Yes	Caustic circulation	P-W	Condition	4.10 P ^{0.67} lb/hr particulate,		Υ	BAAQMD	FP
		rate		15932, Part 8				6-310	
In Compliance	Yes	Caustic circulation	P-W	Condition	0.15 grain/dscf		Y	BAAQMD	FP
					for < 3 min/hr			6-301	
N/A	N/A	N/A	z	None	Ringelmann No. I		Y	BAAQMD	Opacity
			(P/C/N)	Citation	Limit	Date	N/A	of Limit	Limit
Results	Performed?		Frequency	Requirement		Effective	FЕ	Citation	Type of
Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring		Future		·	
		1	1	T	P				

Table VII - CC
Applicable Limits and Compliance Monitoring Requirements S-694, Reaction/HCl Absorption System
Abated by A-195, B-615 Scrubber

					gal/minute			Part 7	
		rate		15932, Part 8	rate at A-195 ≥ 50			15932,	rate
In Compliance	Yes	Caustic circulation	P-W	Condition	Alkali solution circulation		4	Condition	Circulation
					56.9 lbs/12 months			Part I	
			-	15932, Part 8	from S-693 and S-694 <			15932,	
In Compliance	Yes	Records	P-W	Condition	Combined POC emissions		~	Condition	VOC
					4.6 psig				
					organic partial pressure <				
					contained/treated until				
				21060	recovered/combusted or		•	8-10-301	
In Compliance	Yes	Records	P-E	Condition	Vessel depressurization		Y	BAAQMD	POC
					dy				
		rate		15932, Part 8	and ≤ 300 ppm total carbon,			8-2-301	
In Compliance	Yes	Caustic circulation	P-W	Condition	Emissions ≤ 15 pounds/day		~	BAAQMD	РОС
			(P/C/N)	Citation	Limit	Date	۲×	of Limit	Limit
Results	Performed?		Frequency	Requirement		Effective	RΕ	Citation	Type of
Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring		Future			

Table VII – CD
Applicable Limits and Compliance Monitoring Requirements
S-695, Storage Tank, T-526

	1		
VOC	VOC	VOC	Type of Limit
BAAQMD Condition # 15932 Part	BAAQMD Condition # 15932 Part 9	BAAQMD 8-5-307	Citation of Limit
Y	А	Y	Y/N FE
			Future Effective Date
Vapor pressure ≤ 0.5 psia	Combined POC emissions from S-695, S-696, S-697 ≤ 198.9 lbs/12 months	< 100 ppm (expressed as methane) above background	Limit
BAAQMD Condition # 15932 Part 13	BAAQMD Condition # 15932 Part 13	BAAQMD 8-18-401	Monitoring Requirement Citation
P/W	P/W	P/Q	Monitoring Frequency (P/C/N)
Records	Records	Method 21 Inspection	Monitoring Type
Yes	Yes	Yes	Monitoring Performed?
In Compliance	In Compliance	In Compliance	Monitoring Results

Table VII – CE
Applicable Limits and Compliance Monitoring Requirements
S-696, T-585

Applicable Limits and Compliance Monitoring Requirements S-697, ISO Container Loading Operation **Abated by Vapor Balance System** Table VII - CF

								12	
				13				15932, Part	
				15932, Part				Condition	
In Compliance	Yes	Inspection	P-E	Condition	Vapor balance required		Υ	BAAQMD	VOC
								9	
				13	198.9 lbs/12 months			15932, Part	
				15932, Part	from S-695, S-696, S-697 <			Condition	
In Compliance	Yes	Records	P/W	Condition	Combined POC emissions		~	BAAQMD	VOC
				8-6-501.1	psia			8-6-110	liquids
In Compliance	Ϋ́œ	Records	P-E	BAAQMD	True vapor pressure < 0.5		~	BAAQMD	Exempt
			(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
Results	Performed?	Type	Frequency	Requirement	-	Effective	FE	Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring	Ś	Future			

Table VII - CG
Applicable Limits and Compliance Monitoring Requirements
S-699, Purge Tank/Drum Loading Operation

				15	gallons/12 months			14	
				15932, Part	stream throughput ≤ 30,000			15932, Part	
In Compliance	Yes	Records	P-W	Condition	Distillation system purge		Υ	Condition	VOC
				8-6-501.1	psia			8-6-110	liquids
In Compliance	Yes	Records	P-E	BAAQMD	True vapor pressure < 0.5		٢	BAAQMD	Exempt
			(P/C/N)	Citation	Limit	Date	YΝ	Limit	Limit
Results	Performed?	Type	Frequency	Requirement		Effective	FE	Type of Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring Monitoring		Future			

Table VII - CH
Applicable Limits and Compliance Monitoring Requirements
S-701, T-12 at Manufacturing Services
Operated as a Pressure Tank or Vented to S-336,
Manufacturing Services Thermal Oxidizer

		monitor		6859, Part 6					
In Compliance	Υœ	Temperature	С	Condition					
				by S-336:					
				When abated					
N/A	N/A	N/A	Z	Z	0.17 lbs/1000 gallons				
				pressure tank:	control system, emissions ≤				
				operated as a	balance or vapor loss			8-6-304	•
				When	Equipped with vapor		Υ	BAAQMD	VOC
		Inspection		8-18-401	methane) above background			0,00	
In Compliance	Yes	Method 21	P/Q	BAAQMD	< 100 ppm (expressed as		×	BAAQMD 8-5-307	VOC
			(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
Results	Performed?	Туре	Frequency	Requirement Frequency		Effective	Æ	Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			

Table VII – CI
Applicable Limits and Compliance Monitoring Requirements
Source: S-704, Acrylonitrile Storage Tank D-120A

N/A Unit out of service during this compliance period N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period	Records	P/M	BAAQMD Condition # 17878 Part 4	Acrylonitrile \(\leq\) 580,000 gallons during any consecutive twelve-month period	-	~	BAAQMD Condition # 17878 Part 3	VOC
N/A Unit out of service during this compliance period N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period	Records	P/E	8-5-501	Tank cleaning control by liquid balancing in which the resulting organic liquid has a TVP less than 0.5 psia		~	BAAQMD 8-5-328.1	VOC
N/A Unit out of service during this compliance period N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period	Method 21 Inspection	P/Q	8-18-401	< 100 ppm (expressed as methane) above background		Y	BAAQMD 8-5-307	VOC
Monitoring Results	Monitoring Performed?	Monitoring Type	Monitoring Frequency (P/C/N)	Monitoring Requirement Citation	Limit	Future Effective Date	YN 3E	Citation of Limit	Type of Limit

Y/N 为图 ≺ ~ 4 < Effective Future Date particulate, where P 280,320 pounds/12 Ringelmann No. is process weight 4.10 P ^{0.67} lb/hr 0.15 grain/dscf for < 3 min/hr rate in ton/hr throughput ≤ Abrasive months Limit Abated by A-198, Dust Collector S-705, Shot Blast Unit 17683, Part 2, Requirement 17683, Part 3 requirements maintenance Monitoring abatement & 17683, Part 3 Condition Condition Citation Condition Part 3 -None Monitoring Frequency (P/C/N) P-D P-E P-E Z | Monitoring Type maintenance Operating & maintenance Operating & records

records

Yes

In Compliance

Records

Yes

In Compliance

PΜ

17683, Part Condition Type of

Citation of

Limit

Opacity Limit

BAAQMD

N/A

N/A

N/A

Yes

In Compliance

Performed? Monitoring

Monitoring Results

6-301

Ŧ

BAAQMD

6-310

Ŧ

BAAQMD

6-311

Table VII - CK
Applicable Limits and Compliance Monitoring Requirements
S-706, FPI Standby Generator (Diesel)

					Review Permit)				
					the facility has been issued a				
					date of entry (60 months if		-	4	
				22830, Part 4	at least 36 months from the		•	22830, Part	PM
In Compliance	N/A	Records	P-M	Condition	Maintain monthly records for		z	Condition	NOx, CO,
								2	
		operation		18317, Part 5				18317, Part	
		hours of		Condition	hours/calendar year			Condition	
		meter indicating		9-8-530,	related activities ≤ 100			9-8-330,	PM
In Compliance	Yes	Fuel meter or	С	BAAQMD	Operation for reliability-		Z	BAAQMD	NOx, CO,
								_	
		certification		18317, Part 1	by weight			18317, Part	
In Compliance	Yes	Vendor	P-E	Condition	Fuel sulfur content ≤ 0.05%		z	Condition	PM
					emissions ≤ 300 ppm, dry				
					concentration in the resulting				
		certification		18317, Part 1	by weight, unless the SO2			9-1-304	
In Compliance	Yes	Vendor	P-E	Condition	Fuel sulfur content ≤ 0.5%		z	BAAQMD	S02
					over 24 hours				
					ppm for 60 minutes, or 0.05				
					0.5 ppm for 3 minutes, 0.25			9-1-301	•
N/A	N/A	N/A	Z	None	Ground level concentration s		z	BAAQMD	S02
								6-310	
N/A	N/A	N/A	Z	None	0.15 grain/dscf		z	BAAQMD	FP
								6-303	
N/A	N/A	N/A	z	None	Ringelmann No. 2		z	BAAQMD	Opacity
			(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
Results	Performed?	Type	Frequency	Requirement	-	Effective	Ŧ	Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring	~	Future			
]		

Facility Name: Dow Chemical Company Permit for Facility #: A0031

Table VII – CL
Applicable Limits and Compliance Monitoring Requirements
S-707, Diesel Engine Backup Generator P1A
S-708, Diesel Engine Backup Generator P1B
S-710, Diesel Engine Backup Generator 480A
S-711, Diesel Engine Backup Generator 223

			PM	NOx, CO,				SO2				SO2		FP		Opacity	Limit	Type of	
1	19724, Part	Condition	9-8-330,	BAAQMD			9-1-304	BAAQMD			9-1-301	BAAQMD	6-310	BAAQMD	6-303	BAAQMD	Limit	Citation of	
				z				z				z		z		z	N/X	ΕE	
		-															Date	Effective	Future
		hours/calendar year	related activities ≤ 100	Operation for reliability-	emissions ≤ 300 ppm, dry	concentration in the resulting	by weight, unless the SO2	Fuel sulfur content ≤ 0.5%	over 24 hours	ppm for 60 minutes, or 0.05	0.5 ppm for 3 minutes, 0.25	Ground level concentration s		0.15 grain/dscf		Ringelmann No. 2	Limit	4	
	19724, Part 4	Condition	9-8-530,	BAAQMD			19724, Part 5	Condition				None		None		None	Citation	Requirement	Monitoring
				С				P-E				Z		Z		Z	(P/C/N)	Frequency	Monitoring
	operation	hours of	meter indicating	Fuel meter or			certification	Vendor				N/A		N/A		N/A		Type	Monitoring
				Yes				Υœ				N/A		N/A		N/A		Performed?	Monitoring
				In Compliance				In Compliance				N/A		N/A		N/A		Results	Monitoring

12/12/2012

Table VII - CM Applicable Limits and Compliance Monitoring Requirements S-709, IC Engine Backup Generator 471A

			Future		Monitoring	Monitoring	Monitoring	Monitoring	Monitoring
Type of	Citation of	Æ	Effective		Requirement	Frequency	Туре	Performed?	Results
Limit	Limit	XX	Date	Limit	Citation	(P/C/N)			
Opacity	BAAQMD	z		Ringelmann No. 2	None	z	N/A	N/A	N/A
	6-303								
FP	BAAQMD	z		0.15 grain/dscf	None	z	N/A	N/A	N/A
	6-310								
SO2	BAAQMD	z		Ground level concentration	None	z	N/A	N/A	N/A
	9-1-301			0.5 ppm for 3 minutes, 0.25					
				ppm for 60 minutes, or 0.05					
				over 24 hours					
SO2	BAAQMD	z		Fuel sulfur content ≤ 0.5%	None	z	N/A	N/A	N/A
	9-1-304			by weight, unless the SO2					
				concentration in the resulting					
				emissions ≤ 300 ppm, dry					
Nox, CO,	BAAQMD	z		Operation for reliability-	BAAQMD	С	Fuel meter or	Υœ	In Compliance
PM	9-8-330,			related activities ≤ 100	9-8-530,		meter indicating		
	Condition			hours/calendar year	Condition		hours of		
	19724, Part				19724, Part 4		operation		
	1								

Applicable Limits and Compliance Monitoring Requirements S-712, Sulfuryl Fluoride Plant Table VII - CN

HCI Emissions from B-40 Abated by S-434, Manufacturing Services Facility Followed by A-199, Manufacturing Services Scrubber B-12 or

HCI Emissions from B-40 Abated by A-87 and A-85, Acid Absorbers, Followed by A-199 Manufacturing Services All other Emissions Abated by A-201, Venturi Scrubber X-100 and A-202, Caustic Scrubber B-105 Scrubber B-12

				Parts 5. 6					
				20303,					
		concentration	P-D	A-202: Condition					
In Compliance	Yes	Caustic	A-201/A-202	For A-201/	ton/hr				
				Part 7	process weight rate in				
		concentration		Condition 17985,	particulate, where P is			6-311	
In Compliance	Yes	Caustic	A-199: P-D	For A-199:	4.10 P ^{0.67} lb/hr		~	BAAQMD	БÞ
				Parts 5, 6					
				20303,					
		concentration	P-D	A-202: Condition				•	
In Compliance	Υœ	Caustic	A-201/A-202	For A-201/					
				Part 7					
		concentration		Condition 17985,	-			6-310	
In Compliance	Υœ	Caustic	A-199: P-D	For A-199:	0.15 grain/dscf		۲	BAAQMD	FP
				Parts 5, 6					
				20303,					
		concentration	P-D	A-202: Condition					
In Compliance	Υes	Caustic	A-201/A-202	For A-201/					
				Part 7					
		concentration		Condition 17985,	for < 3 min/hr			6-301	
In Compliance	Υœ	Caustic	A-199: P-D	For A-199:	Ringelmann No. 1		Υ	BAAQMD	Opacity
			(P/C/N)	Citation	Limit	Date	ΥN	Limit	
Results	Performed?	Type	Frequency	Requirement		Effective	Ŧ	Citation of	Type of Limit
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			

12/12/2012

Table VII – CN Applicable Limits and Compliance Monitoring Requirements S-712, Sulfuryl Fluoride Plant

HCI Emissions from B-40 Abated by S-434, Manufacturing Services Facility Followed by A-199, Manufacturing Services Scrubber B-12 or

HCl Emissions from B-40 Abated by A-87 and A-85, Acid Absorbers, Followed by A-199 Manufacturing Services Scrubber B-12

All other Emissions Abated by A-201, Venturi Scrubber X-100 and A-202, Caustic Scrubber B-105

			Future	-	Monitoring	Monitoring	Monitoring	Monitoring
Type of Limit	Citation of	FE	Effective		Requirement	Frequency	Type	Performed?
	Limit	ž	Date	Limit	Citation	(P/C/N)		
S02	BAAQMD	۲		Ground level	Condition 17985,	P-D	Caustic	Yes
	9-1-301			concentrations 0.5 ppm	Part 7, Condition		concentration	
				for 3 min; 0.25 ppm for	20303,			
				60 min; 0.05 ppm for 24	Parts 5, 6			
				hrs				
S02	BAAQMD	۲		SO2 ≤ 300 ppm, dry	Condition 17985,	P-D	Caustic	Yes
	9-1-302				Part 7, Condition		concentration	
					20303,			
					Parts 5, 6			
Caustic	Condition	Y		Caustic concentration ≥	Condition 17985,	P-D	Caustic	Yes
concentration	17985, Part			1% by weight	Part 7		concentration	
	6							
Sulfuryl	Condition	4		Abated sulfuryl fluoride	Condition 20303,	P-M	Records	Yes
Fluoride	20303, Part			emissions ≤ 440.8 lbs/12	Part 7	P once	Source Test	Test date -
	1			months		every 5 years		8/5-7/2008
Acid	Condition	Υ		Abated HF and HCl	Condition 20303,	P-M	Records	Yes
	20303, Part			emissions ≤ 15.5 lbs/12	Part 7	P – once	Source Test	Test date -
	1			months		every 5 years		8/5-7/2008
S02	Condition	λ		Abated SO2 emissions ≤	Condition 20303,	P-M	Records	Yes
	20303, Part			3.6 lbs/12 months	Part 7	P – once	Source Test	Test date -
	1					every 5 years		8/5-7/2008

Table VII - CN

Applicable Limits and Compliance Monitoring Requirements S-712, Sulfuryl Fluoride Plant

HCI Emissions from B-40 Abated by S-434, Manufacturing Services Facility Followed by A-199, Manufacturing Services HCI Emissions from B-40 Abated by A-87 and A-85, Acid Absorbers, Followed by A-199 Manufacturing Services Scrubber B-12 or

Scrubber B-12

All other Emissions Abated by A-201, Venturi Scrubber X-100 and A-202, Caustic Scrubber B-105

			Future	· ·	Monitoring	Monitoring	Monitoring	Monitoring	Monitoring
Type of Limit	Citation of	FΕ	Effective		Requirement	Frequency	Type	Performed?	Results
	Limit	Y/Y	Date	Limit	Citation	(P/C/N)			
Sulfuryl	Condition	λ		Combined control	Condition 20303,	С	Flowmeters;	Yes	In Compliance
Fluoride	20303, Part		·	efficiency of A-201, A-	Parts 5, 6	P-D	Caustic strength	-	
	4			202 ≥ 98.5%					
All other	Condition	≺		Combined control	Condition 20303,	С	Flowmeters;	Yes	In Compliance
pollutants	20303, Part			efficiency of A-201, A-	Parts 5, 6	P-D	Caustic strength		
	4			202 ≥ 99.98%					
Flowrate	Condition	۲		Scrubber water ≥ 145	Condition 20303,	С	Flowmeter	Yes	In Compliance
	20303, Part			gal/minute	Part 5				
	4								
Flowrate	Condition	×		Scrubber solution ≥ 50	Condition 20303,	C	Flowmeter	Yes	In Compliance
	20303, Part			gal/minute	Part 5				
	4								
рН	Condition	~		pH≥8	Condition 20303,	P-D	Caustic strength	Υes	In Compliance
	20303, Part				Part 6				
	4								

Table VII-CO Applicable Limits and Compliance Monitoring Requirements Components

Table VII-CO Applicable Limits and Compliance Monitoring Requirements Components

																•							РОС		Pollutant		
				E.											-		-				8-18-305	8-18-303,	BAAQMD		Citation	Limit	Emission
																							Y		Y/N	FE	
						•								-											Date	Effective	Future
															within 24 hours.	by the APCO, repaired	7 days. If discovered	hours and repaired w/i	minimized w/i 24	has been discovered,	ppm, unless the leak	and PRD leaks ≤ 500	Pump, Compressor,		Emission Limit		
8-18-403				8-18-401.8				8-18-401.7	1				8-18-401.5)))		444-10	8-18-401.2					8-18-401.1	BAAQMD		Citation	Requirement	Monitoring
Pumps and	after release	working days	released: P-5	PRD that has	P-Q	horn outlet:	inaccessible	PRD w/	limits.	> Section 300	repair, if leak	hours of	P-w/i 24	PRD: P-Q	compressor,	pump,	Accessible	turnaround.	during a	opened	startup, if	days of	P - w/i 90		(P/C/N)	Frequency	Monitoring
Visual inspection			Inspection	Method 21			Inspection	Method 21				Inspection	Method 21			Inspection	Method 21					Inspection	Method 21	Inspection			Monitoring Type
Yes				Yes				Yes					Υæ				Yes						Yes			Performed?	Monitoring
In Compliance		•		In Compliance				In Compliance					In Compliance				In Compliance	-					In Compliance			Results	Monitoring

Table VII-CO
Applicable Limits and Compliance Monitoring Requirements
Components

					Devices ≤ 1%,		_	-	
					Pressure Relief				
				8-18-502.4	Valves $\leq 0.5\%$,	•	306.2	8-18-306.2	
In Compliance	Yes	Records	P-E	BAAQMD	Awaiting repair:		BAAQMD Y	BAA	РОС
					whichever is first				
					scheduled turnaround,				
					within 5 yrs or at next				
			-	8-18-502.4	Repair or replace		306.1	8-18-306.1	
In Compliance	Yes	Records	P-E	BAAQMD	If cannot be repaired:		BAAQMD Y	BAA	РОС
		Inspection	P-A						
In Compliance	Yes	Method 21	Connectors:	8-18-401.6			,		
			300 limits.		within 24 hours.				
			leak >Section		APCO, repaired				
		Inspection	of repair, if		and discovered by the				
In Compliance	Yes	Method 21	P-w/i 24 hrs	8-18-401.5	if inspected per 401.6				
			turnaround.		repaired ≤ 7 days. Or				
			during a		≤ 24 hours and				
			opened		discovered, minimized	_			
			startup, if		leak has been				
		Inspection	days after	8-18-401.1	100 ppm, unless the		-304	8-18-304	
In Compliance	Yes	Method 21	P – w/i 90	BAAQMD	Connection leaks ≤		QMD Y	BAAQMD	РОС
			not staffed						
			when facility					·	
			P-D, except					-	
			Compressors:						
			(P/C/N)	Citation	Emission Limit	Date	tion Y/N	t Citation	Pollutant
Results	Performed?		Frequency	Requirement		Effective	nit FE	Limit	
Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring		Future	sion	Emission	- " -

Table VII-CO Applicable Limits and Compliance Monitoring Requirements Components

Inspection P-within 7 days of repair
Inspection Method 21 Method 21
Records
Monitoring Type

Applicable Limits and Compliance Monitoring Requirements Table VII-CO Components

					whichever is first				
					scheduled turnaround,				
•					within 5 years or next				
				8-25-503.4	Repair or replace		-	•	,
				SIP	times in a year:				
-			days of repair	8-25-401.1	APCO to be leaking 2				
		Records	P-within 7	SIP	those found by the			8-25-306	
		Inspection and		8-25-401.2	and compressors and			8-25-304.1,	
In Compliance	Yes	Method 21	P-Q	SIP	Non-repairable pumps		~	SIP	РОС
					the APCO				
					hours if discovered by		•		
					or repaired within 24				
					discovery by operator				
					within 7 days of				
					hours and repaired				
					minimized within 24				
			days of repair	8-25-401.1	PRV, unless				•
			P-within 7	SIP	measured ≤ 1 cm from				
		Inspection		8-25-401.2	ppm as methane			8-25-303	
In Compliance	Yes	Method 21	P-Q	SIP	Compressors: 500		Υ	AIS	POC
					the APCO				
					hours if discovered by	-			·
					or repaired within 24				
	•				discovery by operator				
	•				within 7 days of	_			
					hours and repaired				
			(P/C/N)	Citation	Emission Limit	Date	Y/N	Citation	Pollutant
Results	Performed?		Frequency	Requirement		Effective	Æ	Limit	
Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring	ŀ	Future		Emission	
	l l		i 4						

Page 116 of 124

Table VII-CO
Applicable Limits and Compliance Monitoring Requirements
Components

	8-28	POC			8-2	РОС		8-2	POC BA				8- 2	POC			8-2	8-2	POC				8-2	8-25	POC	Pollutant Cit		Em
	8-28-301.1	SIP			8-28-301	SIP		8-28-402	BAAQMD				8-25-307	SIP			8-25-306	8-25-305,	SIP				8-25-306	8-25-304.2,	SIP	Citation	Limit	Emission
		۲				<u> </u>			z					Υ					۲						<u> </u>	Y/N	E	
																							-			Date	Effective	Euture
system ≥ 95%	recovery or disposal	vented to vapor		cm from PRV, unless:	methane measured ≤ 1	10,000 ppm as	of release event	within 5 working days	PRV: Inspection	within 7 days	operator and repaired	hours of discovery by	minimized within 24	Liquid leaks must be	consecutive quarters	leak > 500 ppm for 4	under §304.1 shall not	repaired or replaced	Pump or compressor				repair ≤ 1%	compressors awaiting	Number of pumps and	Emission Limit	****	
	8-28-404	. SIP	8-28-402.3	SIP	8-28-402	SIP		8-28-401	BAAQMD		8-25-401.1	SIP	8-25-403	SIP				8-25-401.1	SIP	8-25-503.4	SIP	8-25-401.1	SIP	8-25-401.2	SIP	Citation	Requirement	Monitoring
		None	P-A	Inaccessible:	P-Q	Accessible:			P-E		days of repair	P-within 7		P-D				days of repair	P-within 7			days of repair	P-within 7		P-Q	(P/C/N)	Frequency	Monitoring
		Identification	Inspection	Method 21	Inspection	Method 21	Report	Inspection and	Method 21		Inspection	Method 21		Visual Inspection				Inspection	Method 21				Records	Inspection and	Method 21			Monitoring Type
		Yes		Yes		Yes			Yes			Yes		Yes					Yes						Yes		Performed?	Monitoring
		In Compliance		In Compliance		In Compliance			In Compliance			In Compliance		In Compliance		_			In Compliance						In Compliance		Results	Monitoring

Table VII-CO
Applicable Limits and Compliance Monitoring Requirements
Components

					scheduled turnaround				
		Inspection	P-A	8-28-402.3	repaired at next				
In Compliance	Yes	Method 21	Inaccessible:	SIP	within 15 days, and				
		Inspection	P-Q	8-28-402	identified, minimized			8-28-301.5	
In Compliance	Yes	Method 21	Accessible:	SIP	Leak has been		~	SIP	РОС
					is required				
		Inspection	P-A	8-28-402.3	process unit shutdown				
In Compliance	Yes	Method 21	inaccessible:	SIP	within 15 days unless				
		Inspection	P-Q	8-28-402	identified and repaired			8-28-301.4	
In Compliance	Yes	Method 21	Accessible:	SIP	Leak has been		~	SIP	POC
					setpoint of the PRV				
				8-28-404	pressure exceeds the			8-28-301.3	
In Compliance	Yes	Identification	None	SIP	Static upstream		Y	SIP	POC
					rupture disc				
-					or installation of				
					hours of replacement	-			
					inspected within 36				
	-			8-28-404	rupture disc and been			8-28-301.2	
In Compliance	Yes	Identification	None	SIP	PRV protected by	·	~	SIP	РОС
					efficient				
			(P/C/N)	Citation	Emission Limit	Date	Y/N	Citation	Pollutant
Results	Performed?		Frequency	Requirement		Effective	Æ	Limit	
Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring		Future		Emission	

Table VII – CP
Applicable Limits and Compliance Monitoring Requirements
Polymers and Resins I (Latex) MACT
Latex Plant, including
S-336, Manufacturing Services Thermal Oxidizer
S-389 Manufacturing Services Thermal Oxidizer
S-683, D-110A Storage Vessel

S-704, D-120A Acrylonitrile Storage Tank A-42, B-368 Latex Plant Styrene Scrubber Heat Exchangers

					repair, repair at next				
					emissions than delaying				
					shutdown causes greater			j)	
					within 2 months or if	·		\$104(e)(2)(i	
					leak at next shutdown if			Subpart F	
				63.104(f)(2)	repair provisions met, repair			Part 63.,	НАР
In Compliance	Yes	Records	P-E	40 CFR	Heat Exchangers: If delay of		Y	40 CFR	Organic
					days of repair or startup				
					leak; confirm repair within 7				
		_			days after confirmation of		_	§104(d)(1)	
					met, repair leak within 45	•		Subpart F	
				63.104(f)(1)	delay of repair provisions			Part 63.,	HAP
In Compliance	Yes	Records	P-E	40 CFR	Heat Exchangers: Unless		Y	40 CFR	Organic
								i)	
					detect leaks	-		§104(c)(1)(i	
					of styrene and butadiene to			Subpart F	
				63.104(c)(1)(iii)	water analyzed for presence			Part 63.,	НАР
In Compliance	Yes	Testing	P-Q	40 CFR	Heat Exchangers: Cooling		4	40 CFR	Organic
			(P/C/N)	Citation	Limit	Date	YΝ	Limit	Limit
AKCOMILES	r criorinca:	Type	Frequency	Requirement		Effective	FE	Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring	-	Future			

Applicable Limits and Compliance Monitoring Requirements
Polymers and Resins I (Latex) MACT
Latex Plant, including
S-336, Manufacturing Services Thermal Oxidizer
S-389 Manufacturing Services Thermal Oxidizer
S-683, D-110A Storage Vessel
S-704, D-120A Acrylonitrile Storage Tank
A-42, B-368 Latex Plant Styrene Scrubber
Heat Exchangers

Type of Limit Organic	Citation of Limit 40 CFR	Y YN YN	Future Effective Date	Limit shutdown or for all other situations, repair within 120 days Primary Abatement Device:	Monitoring Requirement Citation 40 CFR Part 63.,	Monitoring Frequency (P/C/N)	7	Monitoring Type Temperature
40 CFR Part 63.,	;~ ~	~		Primary Abatement Device: Reduction ≥ 98% by weight	40 CFR Part 6 Subpart G,	: 63., ì,		
Su §1	Subpart G §113(a)(2)			or to concentration ≤ 20 ppmv dry (corrected to 3%	§114(a) §114(d)(1),	<u>.</u> ;	.;. `` 	
		•		oxygen if supplemental	§485(o)(1)(i)	Œ)(i))(i)
				whichever is less stringent				
Organic	40 CFR	Υ		Primary Abatement Device:	40 CFR Part 63,	art 63,	art 63, C	C Te
	Part 63.,			Minimum operating	Subpart G,	πG,	rt G,	rt G, monitor
	Subpart G			temperature 986 degreesC	§114(a)	(a)	I(a)	S(a)
	§113(a)(2)				40 CFR Part 63.,	art 63.,	art 63.,	art 63.,
			_		Subpart U,	Ę		
					§485(a)	(a)	(a)	(a)

Table VII – CQ
Applicable Limits and Compliance Monitoring Requirements
MACT - Equipment Leaks

Pumps, Valves, Connectors, Compressors, Pressure Relief Devices, Open Ended Valves and Lines, Agitators, and Latex Plant Fugitive Components, including: **Sym-Tet Plant Fugitive Components Instrumentation Systems**

					,									_			_			
			HAP	Organic	HAP	Organic				HAP	Organic		HAP	Organic		HAP	Organic	Limit	Type of	
			§163(d)(2)	40 CFR Part 63,	§163(b)(3)	40 CFR Part 63,				§163(b)(2)(iii)	40 CFR Part 63,		§163(b)(2)(ii)	40 CFR Part 63,		§163(b)(2)(i)	40 CFR Part 63,	Limit	Citation of	
-				~		4					Y			Υ			۲	Y/N	КE	
																		Date	Effective	Future
improvement plan must be implemented	pumps in a process unit leak, a quality	10% of pumps or > 3	service, Phase III: If>	Pumps in light liquid	service: Liquid leak	Pumps in light liquid	1,000 ppm	Other pumps, Phase III:	ppm	service, Phase III: 5,000	Pumps in monomer	ppm	service, Phase II: 5,000	Pumps in light liquid	ppm	service, Phase I: 10,000	Pumps in light liquid	Limit		Sec -
				§63.181(b)(1)		§63.163(b)(3)					§63.163(b)(1)			§63.163(b)(1)			§63.163(b)(1)	Citation	Requirement	Monitoring
				P-M		P-W					P-M			P-M			P-M	(P/C/N)	Frequency	Monitoring
				Calculations	inspection	Visual				inspection	Method 21		inspection	Method 21		inspection	Method 21		Type	Monitoring
				Yes		Yes					Yes			Yes		_	Yes		Performed?	Monitoring
				In Compliance		In Compliance					In Compliance			In Compliance			In Compliance		Results	Monitoring

Table VII – CQ
Applicable Limits and Compliance Monitoring Requirements
MACT - Equipment Leaks
Latex Plant Fugitive Components, including:

Pumps, Valves, Connectors, Compressors, Pressure Relief Devices, Open Ended Valves and Lines, Agitators, and **Sym-Tet Plant Fugitive Components Instrumentation Systems**

			per 4 quarters						
		inspection	leakers: P-once			_		16	
In Compliance	Yes	Method 21	For < 0.5%	§63.165(d)(4)					
			per 2 quarters						
		inspection	leakers: P-once						-
In Compliance	Yes	Method 21	For < 1%	§63.165(d)(3)					-
		inspection	leakers: P-Q						
In Compliance	Yes	Method 21	For < 2%	§63.165(d)(2)					
			Plan						
			Improvement					•	
			Quality						
			P-Q with a		500 ppm	•			
		inspection	leakers: P-M or		light liquid service, III:			§168(b)(2)(iii)	HAP
In Compliance	Yes	Method 21	For ≥ 2%	§63.165(d)(1)	Valves in gas/vapor and		~	40 CFR Part 63,	Organic
					II: 500 ppm				
		inspection			light liquid service, Phase			§168(b)(2)(ii)	НАР
In Compliance	Yes	Method 21	P-Q	§63.168(c)	Valves in gas/vapor and		~	40 CFR Part 63,	Organic
					I: 10,000 ppm				
		inspection			light liquid service, Phase			§168(b)(2)(i)	НАР
In Compliance	Yes	Method 21	P-Q	§63.168(c)	Valves in gas/vapor and		۲	40 CFR Part 63,	Organic
					ppm above background				
		inspection			gas/vapor service: 500			§165(a)	HAP
In Compliance	Yes	Method 21	P-E	§63.165(b)(2)	Pressure relief devices in		~	40 CFR Part 63,	Organic
			(P/C/N)	Citation	Limit	Date	Ϋ́Х	Limit	Limit
Results	Performed?	Type	Frequency	Requirement		Effective	FΕ	Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			

Table VII – CQ
Applicable Limits and Compliance Monitoring Requirements
MACT - Equipment Leaks
Latex Plant Fugitive Components, including:

Pumps, Valves, Connectors, Compressors, Pressure Relief Devices, Open Ended Valves and Lines, Agitators, and **Sym-Tet Plant Fugitive Components Instrumentation Systems**

			Future		Monitoring	Monitoring	Monitoring	Monitoring	Monitoring
Type of	Citation of	Æ	Effective		Requirement	Frequency	Type	Performed?	Results
Limit	Limit	N/N	Date	Limit	Citation	(P/C/N)			
Organic	40 CFR Part 63,	Y		Agitators in heavy liquid			Method 21	Yes	In Compliance
НАР	§169(b)			service: 10,000 ppm			inspection		
Organic	40 CFR Part 63,	Υ		Pumps in polymerizing			Method 21	Yes	In Compliance
HAP	§169(b)			monomer service: 5,000			inspection		
				ppm					
				Other pumps in heavy					
				liquid service: 2,000 ppm					
Organic	40 CFR Part 63,	۲		Valves, connectors, in			Method 21	Yes	In Compliance
HAP	§169(b)			heavy liquid service;			inspection		
				instrumentation systems;					
				pressure relief devices in					
				liquid service: 500 ppm					
Organic	40 CFR Part 63,	Υ		Agitator in gas/vapor and	§63.173(a)(1)	P-M	Method 21	Yes	In Compliance
HAP	§173(a)(2)			light liquid service:			inspection		
				10,000 ppm					
Organic	40 CFR Part 63,	Υ		Agitator in gas/vapor and	§63.173(b)(1)	P-W	Visual	Yes	In Compliance
НАР	§173(b)(2)			light liquid service: liquid			inspection		
				lcak					
Organic	40 CFR Part 63,	Υ		Connectors in gas/vapor	§63.174(b)(3)(i)	For leakers≥	Method 21	Yes	In Compliance
HAP	§174(a)(2)			and light liquid service:		0.5%: P-A	inspection		
				500 ppm					

Table VII – CQ
Applicable Limits and Compliance Monitoring Requirements
MACT - Equipment Leaks

Pumps, Valves, Connectors, Compressors, Pressure Relief Devices, Open Ended Valves and Lines, Agitators, and Latex Plant Fugitive Components, including: **Sym-Tet Plant Fugitive Components Instrumentation Systems**

			every 4 years						
			years: P-once						
		inspection	0.5%: for 2			_			
In Compliance	Yes	Method 21	For leakers <	§63.174(b)(3)(iii) For leakers <					
			every 2 years						
		inspection	0.5%: P-once						
In Compliance	Yes	Method 21	For leakers <	§63.174(b)(3)(ii) For leakers <					
			(P/C/N)	Citation	Limit	Y/N Date	Ϋ́Z	Limit	Limit
Results	Performed?	Type	Frequency	Requirement		Effective	FE	Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring	-	Future			

12/12/2012